

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082620\
 Data File : VN063141.D
 Acq On : 26 Aug 2020 18:35
 Operator : JC/MD
 Sample : L3792-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-3

Quant Time: Aug 27 00:55:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	159182	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	265524	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	270964	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	130165	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	96240	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
35) Dibromofluoromethane	7.55	113	85183	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
50) Toluene-d8	10.06	98	340102	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
62) 4-Bromofluorobenzene	12.38	95	130768	55.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.52%	

Target Compounds

					Qvalue
11) Tert butyl alcohol	4.73	59	92737	347.032	ug/l 100
14) Allyl chloride	4.23	41	3259	1.368	ug/l # 35
15) Acrylonitrile	4.73	53	522	0.665	ug/l # 1
16) Acetone	3.78	43	298802	512.006	ug/l 98
18) Methyl Acetate	4.28	43	665	0.355	ug/l # 52
20) Methylene Chloride	4.50	84	360	Below Cal	# 44
25) 2-Butanone	6.79	43	12827	12.806	ug/l 94
26) 2,2-Dichloropropane	6.78	77	942	0.396	ug/l # 52
29) Tetrahydrofuran	7.18	42	2316	3.583	ug/l # 75
30) Chloroform	7.33	83	6842	2.249	ug/l 99
31) Cyclohexane	7.63	56	3774	1.357	ug/l # 1
36) 1,1-Dichloropropene	7.63	75	11121	4.753	ug/l # 49
37) Ethyl Acetate	6.79	43	12827	5.850	ug/l # 68
38) Carbon Tetrachloride	7.63	117	14134	5.983	ug/l # 18
39) Methylcyclohexane	9.05	83	476	1.708	ug/l # 73
40) Benzene	8.00	78	173659	23.400	ug/l 99
41) Methacrylonitrile	7.18	41	1856	1.777	ug/l # 22
42) 1,2-Dichloroethane	8.00	62	1442	0.579	ug/l # 75
43) Isopropyl Acetate	8.10	43	2234	0.615	ug/l # 53
49) 1,4-Dioxane	9.17	88	4012	119.753	ug/l 87
51) 4-Methyl-2-Pentanone	9.95	43	23867	10.395	ug/l 95
52) Toluene	10.13	92	85311	19.056	ug/l 100
53) t-1,3-Dichloropropene	10.12	75	922	0.328	ug/l # 1
55) 1,1,2-Trichloroethane	10.39	97	1771	0.925	ug/l # 14
56) Ethyl methacrylate	10.33	69	3225	2.794	ug/l # 41
58) 2-Chloroethyl Vinyl ether	9.68	63	299	12.596	ug/l # 49
59) 2-Hexanone	10.73	43	452	0.282	ug/l 70
67) Ethyl Benzene	11.49	91	16225	1.764	ug/l # 88
68) m/p-Xylenes	11.59	106	29856	8.736	ug/l 99
69) o-Xylene	11.92	106	13639	4.156	ug/l 95
70) Styrene	11.94	104	13560	3.926	ug/l 92
71) Bromoform	12.38	173	870	0.516	ug/l # 1
74) N-amyl acetate	12.01	43	1367	0.428	ug/l # 41
75) 1,1,2,2-Tetrachloroethane	12.44	83	472	Below Cal	# 26

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

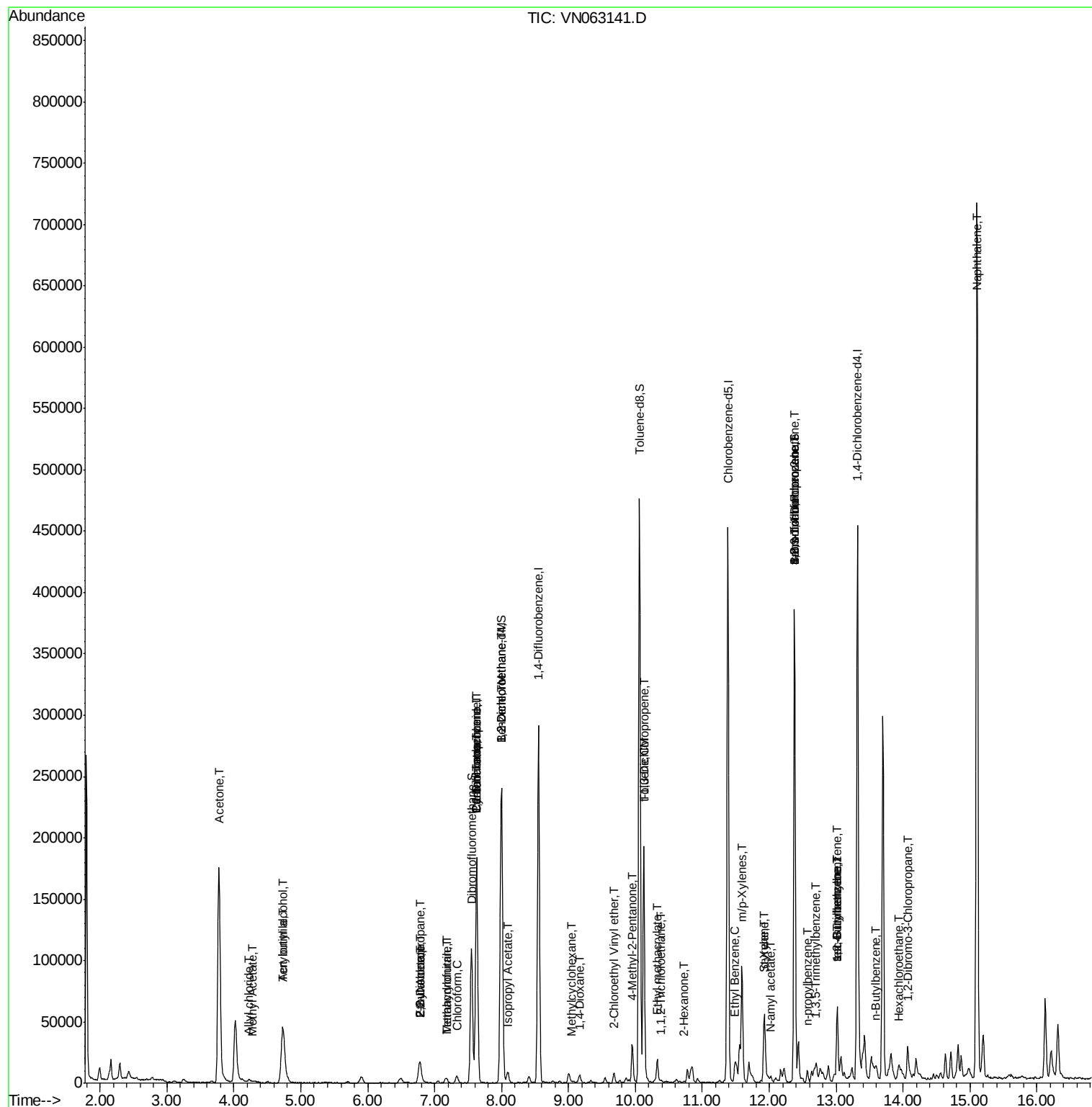
76) 1,2,3-Trichloropropane	12.38	75	63465	25.084	ug/l #	100
78) n-propylbenzene	12.57	91	4531	0.446	ug/l #	57
80) 1,3,5-Trimethylbenzene	12.71	105	4553	0.618	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.38	75	63465	68.892	ug/l #	15
83) tert-Butylbenzene	13.01	119	4541	0.714	ug/l #	53
84) 1,2,4-Trimethylbenzene	13.02	105	34614	4.822	ug/l	99
85) sec-Butylbenzene	13.02	105	34614	4.027	ug/l #	57
89) n-Butylbenzene	13.58	91	190	2.796	ug/l #	83
90) Hexachloroethane	13.92	117	1014	0.637	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	14.07	75	351	0.782	ug/l #	1
95) Naphthalene	15.10	128	615185	110.728	ug/l	99

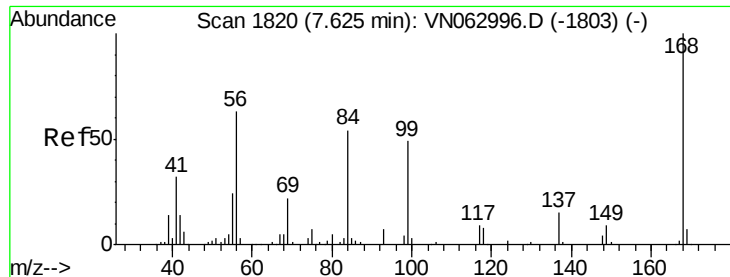
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN063141.D

Acq: 26 Aug 2020 18:35

Instrument :

MSVOA_N

ClientSampleId :

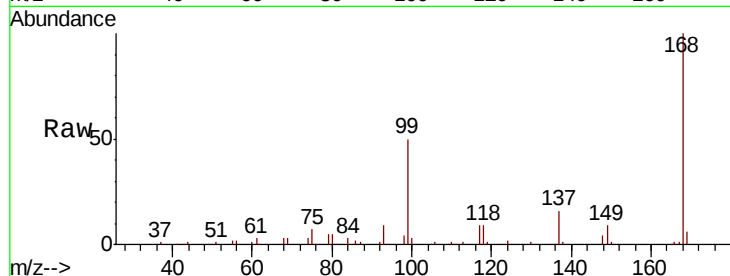
COMP-3

Tot Ion:168 Resp: 159182

Ion Ratio Lower Upper

168 100

99 49.9 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

60000

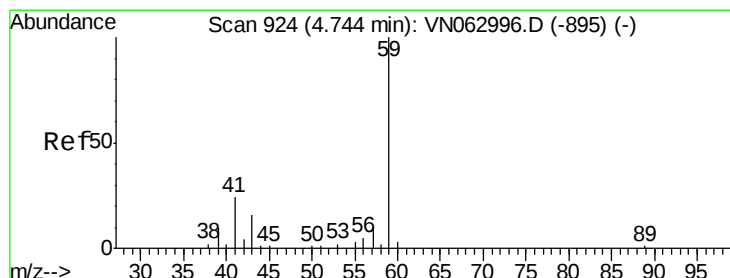
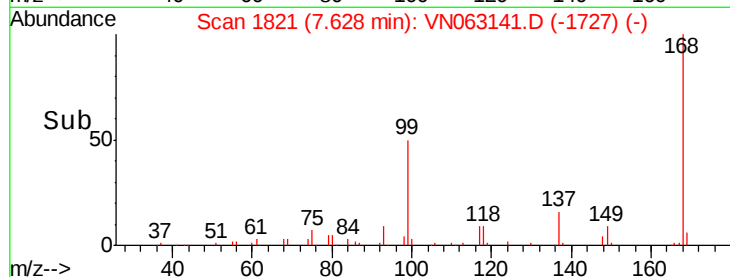
40000

20000

0

7.50 7.60 7.70

Time-->



#11

Tert butyl alcohol

Concen: 347.032 ug/l

RT: 4.73 min Scan# 921

Delta R.T. -0.01 min

Lab File: VN063141.D

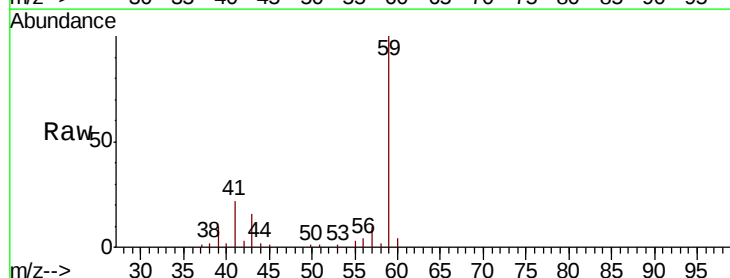
Acq: 26 Aug 2020 18:35

Tgt Ion: 59 Resp: 92737

Ion Ratio Lower Upper

59 100

57 9.8 7.8 11.6



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.73

25000

20000

15000

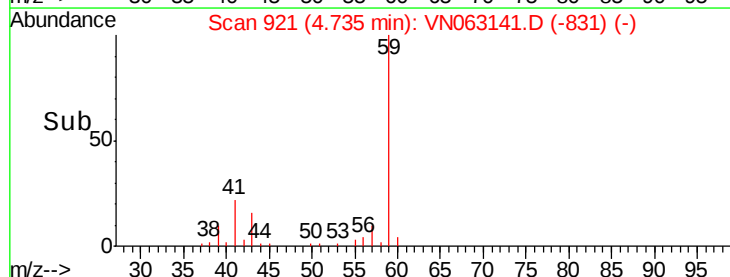
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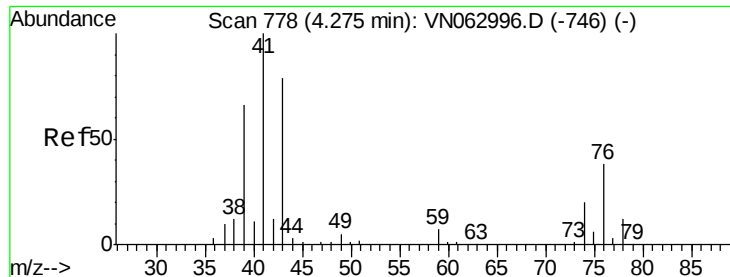
5000

0

4.60 4.70 4.80 4.90

Time-->

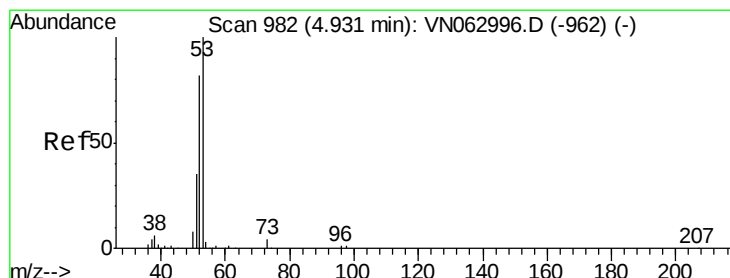
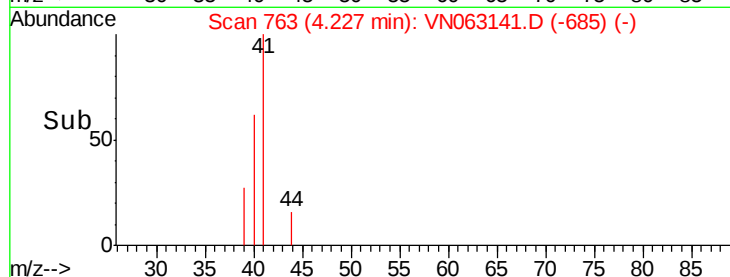
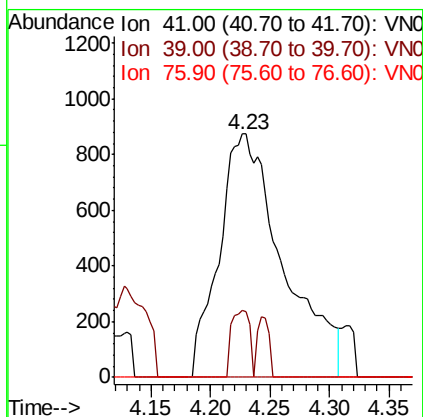
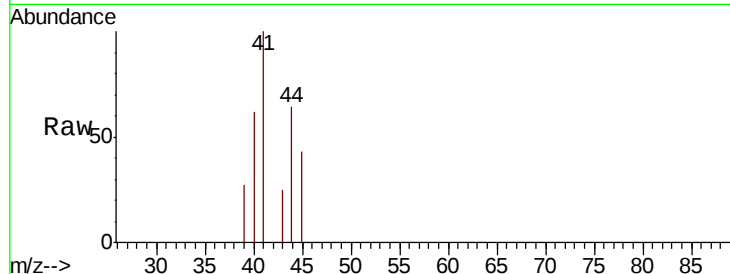




#14
Allvl chloride
Concen: 1.368 ug/l
RT: 4.23 min Scan# 763
Delta R.T. -0.05 min
Lab File: VN063141.D
Acq: 26 Aug 2020 18:35

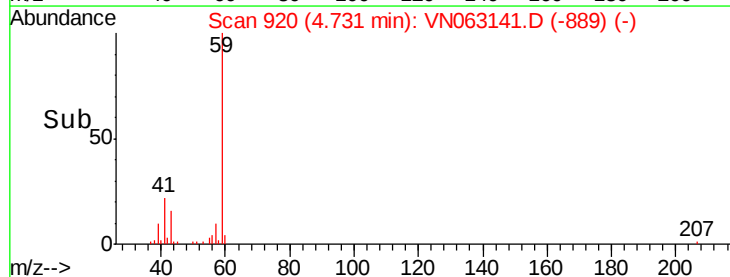
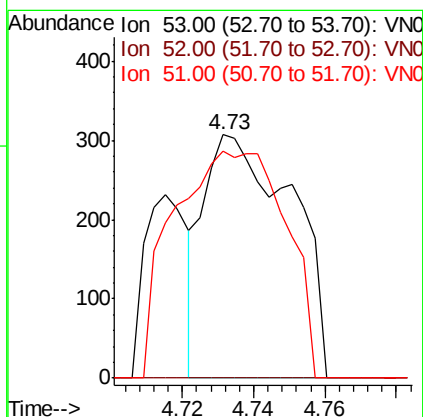
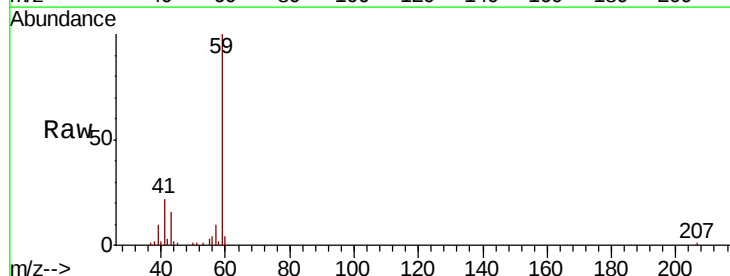
Instrument :
MSVOA_N
ClientSampled :
COMP-3

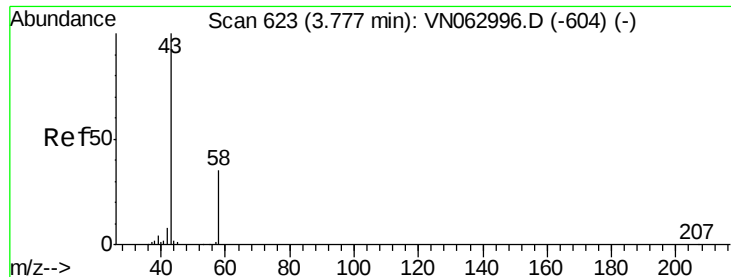
Tot Ion: 41 Resp: 3259
Ion Ratio Lower Upper
41 100
39 7.7 47.9 71.9#
76 0.0 27.0 40.6#



#15
Acrylonitrile
Concen: 0.665 ug/l
RT: 4.73 min Scan# 920
Delta R.T. -0.20 min
Lab File: VN063141.D
Acq: 26 Aug 2020 18:35

Tgt Ion: 53 Resp: 522
Ion Ratio Lower Upper
53 100
52 0.0 65.6 98.4#
51 119.5 28.2 42.4#





#16

Acetone

Concen: 512.006 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN063141.D

Acq: 26 Aug 2020 18:35

Instrument :

MSVOA_N

ClientSampled :

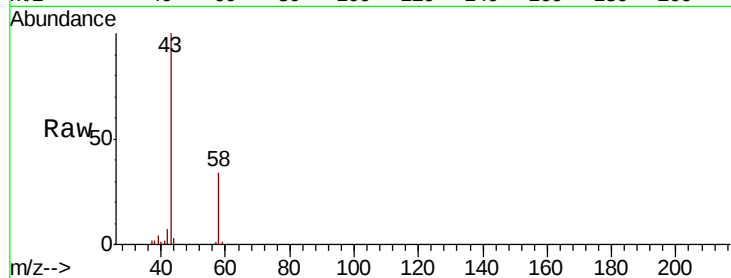
COMP-3

Tot Ion: 43 Resp: 298802

Ion Ratio Lower Upper

43 100

58 33.7 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-604) (-)

Ion 58.00 (57.70 to 58.70): VN062996.D (-604) (-)

3.78

120000

100000

80000

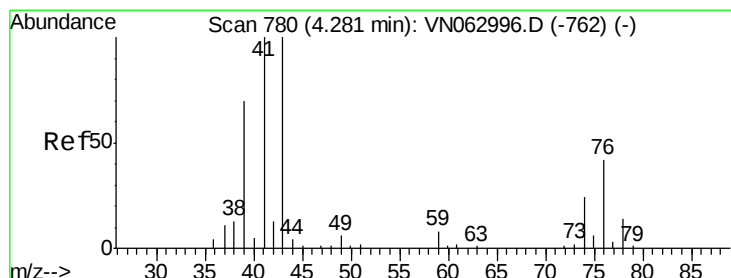
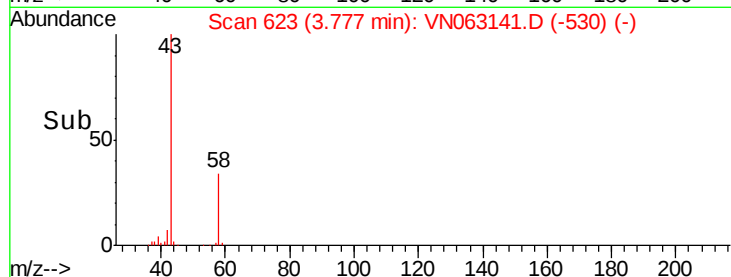
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 0.355 ug/l

RT: 4.28 min Scan# 781

Delta R.T. 0.00 min

Lab File: VN063141.D

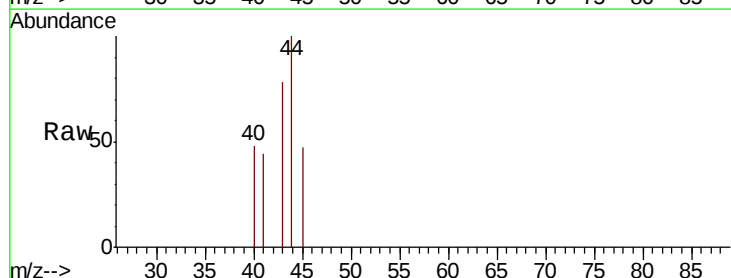
Acq: 26 Aug 2020 18:35

Tgt Ion: 43 Resp: 665

Ion Ratio Lower Upper

43 100

74 0.0 18.6 28.0#



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-762) (-)

Ion 74.00 (73.70 to 74.70): VN062996.D (-762) (-)

4.28

500

400

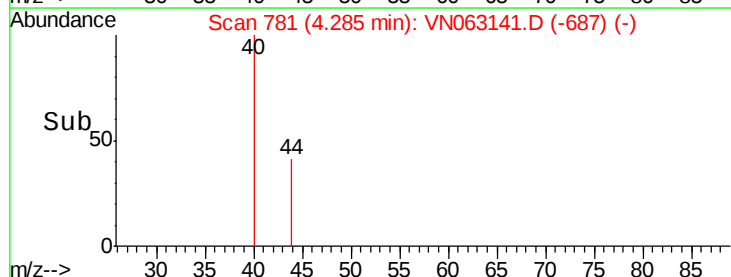
300

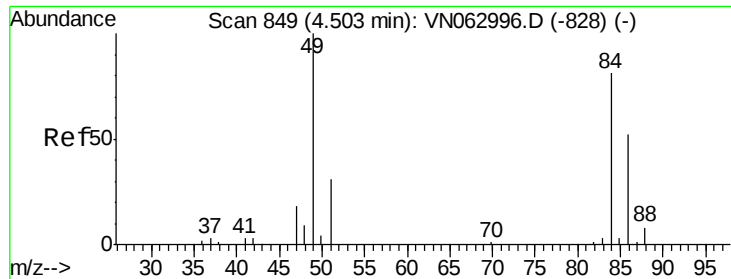
200

100

0

Time-->

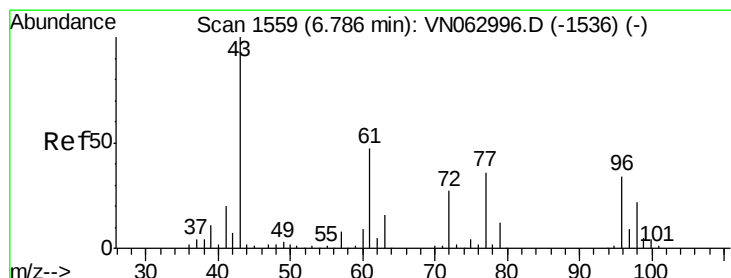
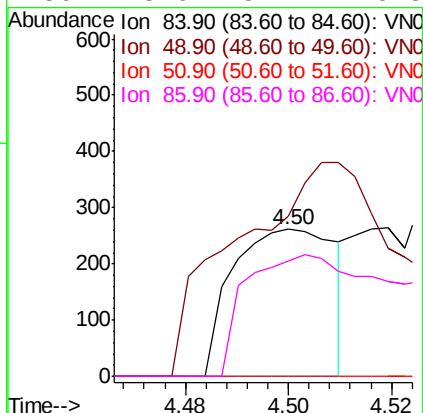
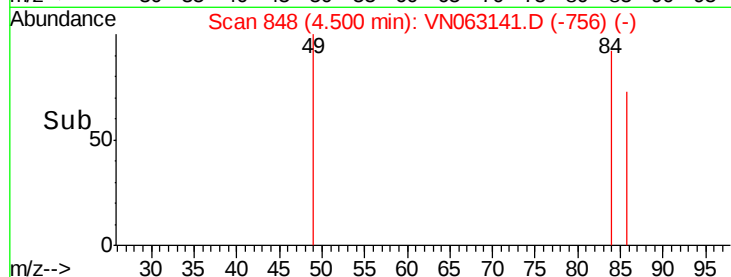
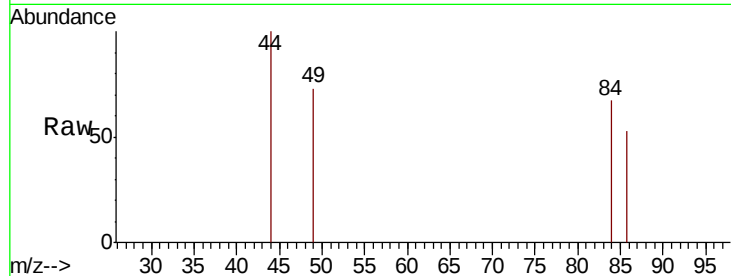




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN063141.D
Acq: 26 Aug 2020 18:35

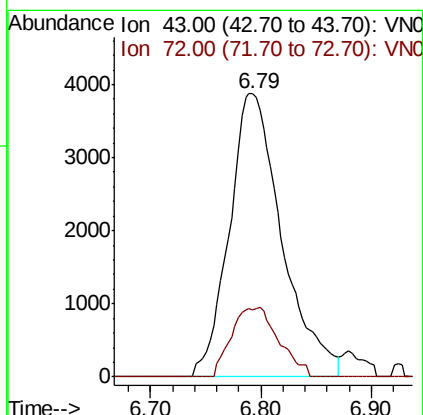
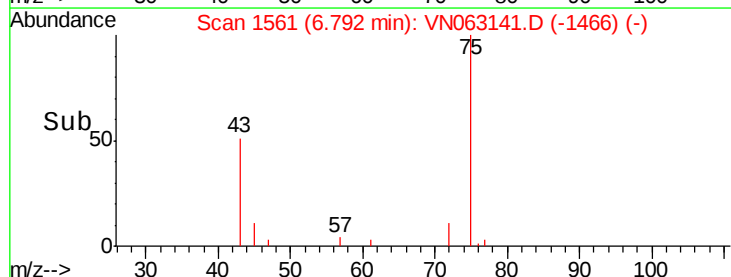
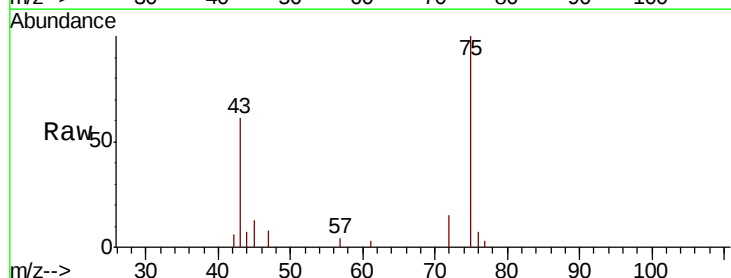
Instrument :
MSVOA_N
ClientSampled :
COMP-3

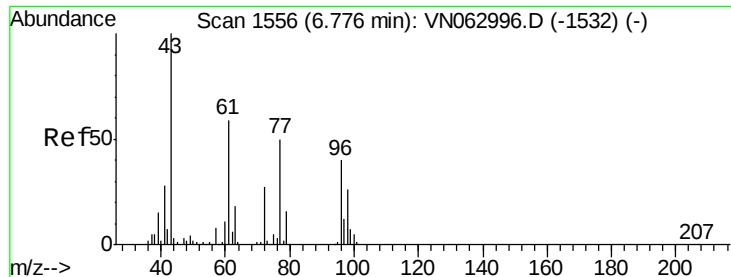
Tot Ion: 84 Resp: 360
Ion Ratio Lower Upper
84 100
49 40.5 98.7 148.1#
51 0.0 30.8 46.2#
86 78.6 51.2 76.8#



#25
2-Butanone
Concen: 12.806 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. 0.01 min
Lab File: VN063141.D
Acq: 26 Aug 2020 18:35

Tgt Ion: 43 Resp: 12827
Ion Ratio Lower Upper
43 100
72 23.8 21.8 32.6





#26

2,2-Dichloropropane

Concen: 0.396 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN063141.D

Acq: 26 Aug 2020 18:35

Instrument :

MSVOA_N

ClientSampleId :

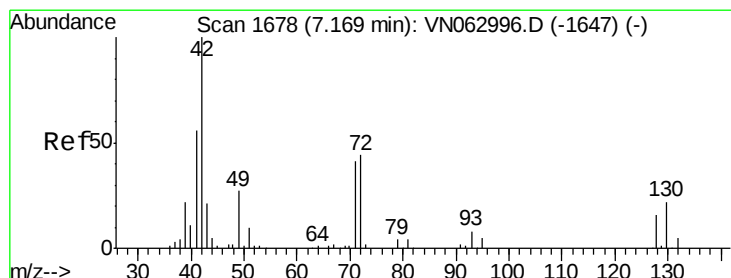
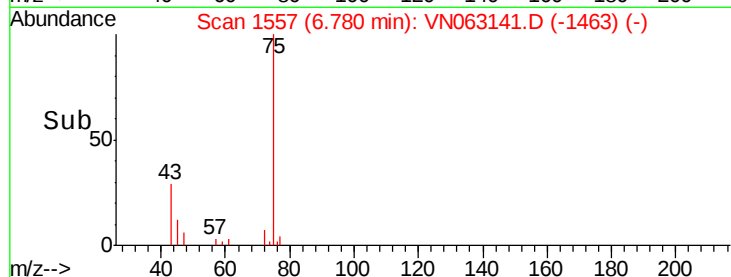
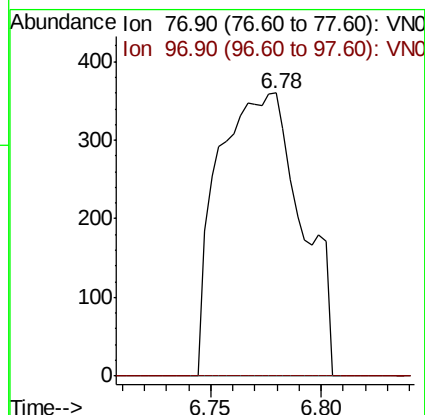
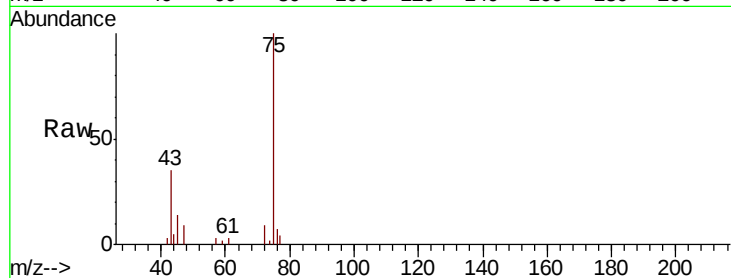
COMP-3

Tot Ion: 77 Resp: 942

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.1#



#29

Tetrahydrofuran

Concen: 3.583 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. 0.01 min

Lab File: VN063141.D

Acq: 26 Aug 2020 18:35

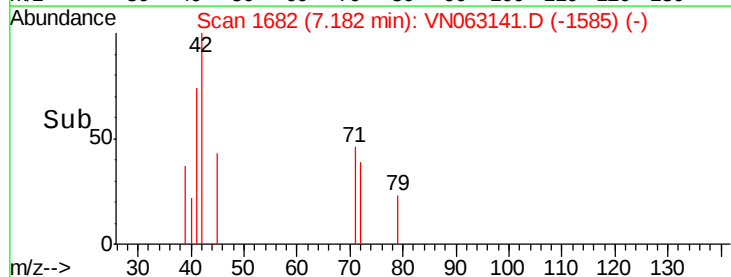
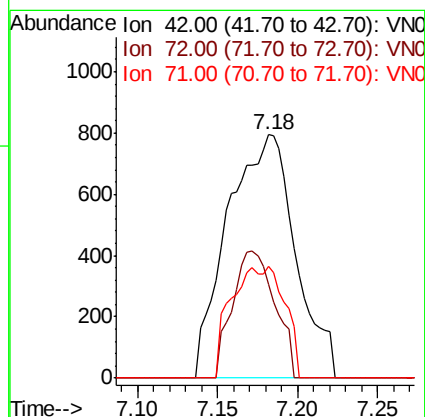
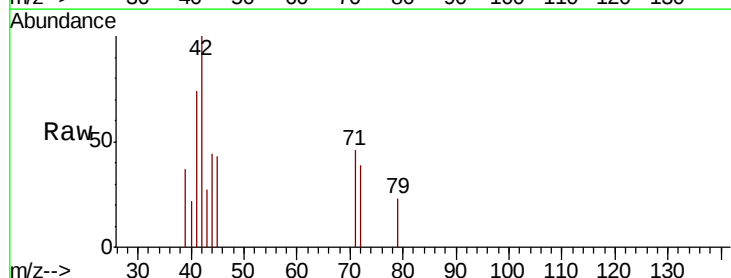
Tgt Ion: 42 Resp: 2316

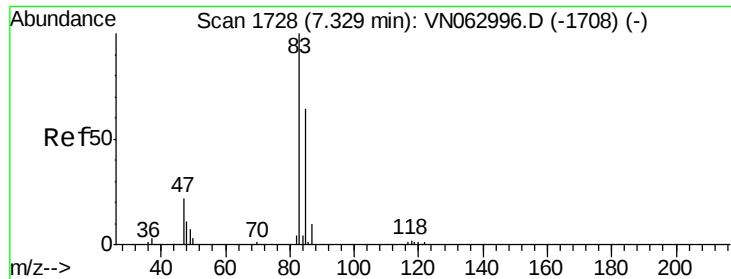
Ion Ratio Lower Upper

42 100

72 32.3 34.6 52.0#

71 19.3 32.3 48.5#

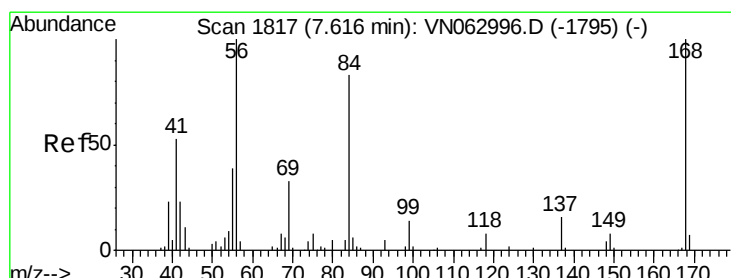
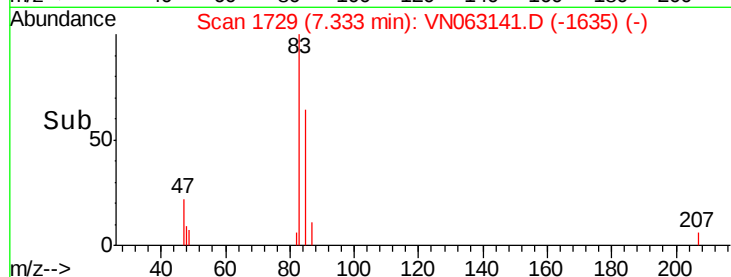
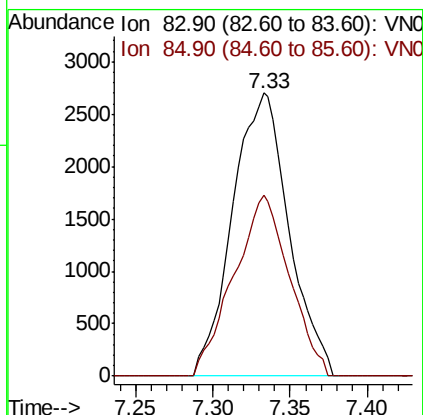
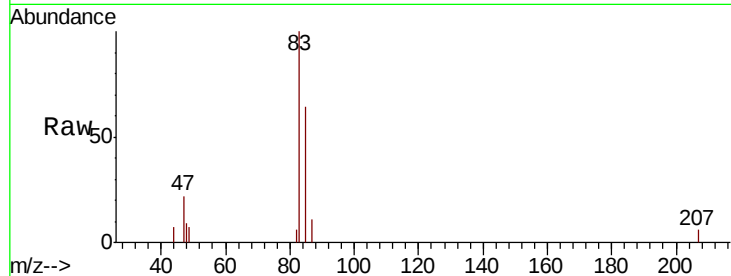




#30
Chloroform
Concen: 2.249 ug/l
RT: 7.33 min Scan# 1729
Delta R.T. 0.00 min
Lab File: VN063141.D
Acq: 26 Aug 2020 18:35

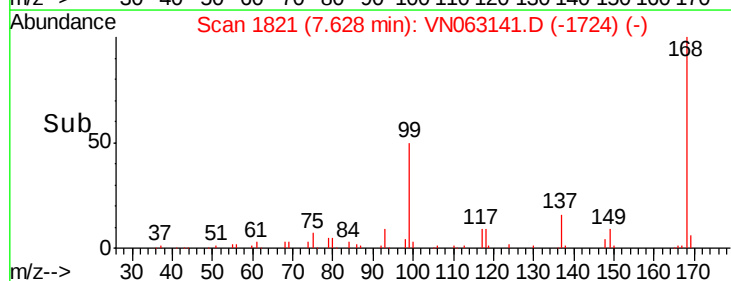
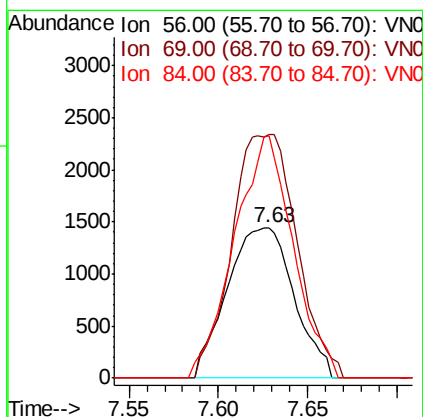
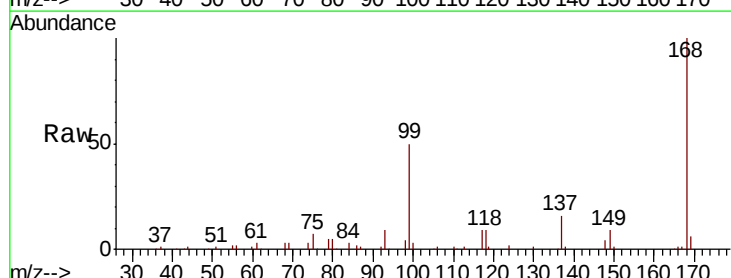
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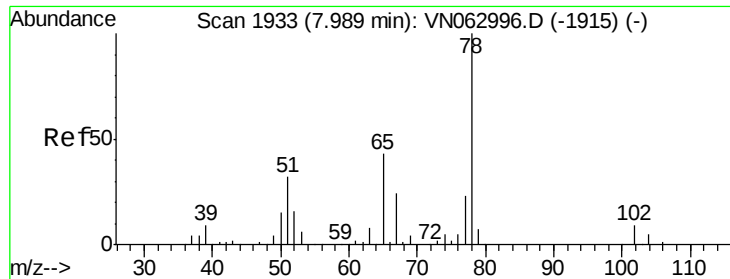
Tot Ion: 83 Resp: 6842
Ion Ratio Lower Upper
83 100
85 63.8 51.5 77.3



#31
Cyclohexane
Concen: 1.357 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. 0.01 min
Lab File: VN063141.D
Acq: 26 Aug 2020 18:35

Tgt Ion: 56 Resp: 3774
Ion Ratio Lower Upper
56 100
69 161.5 26.6 40.0#
84 160.7 66.4 99.6#

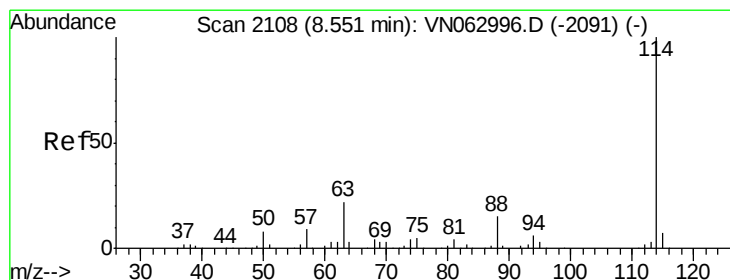
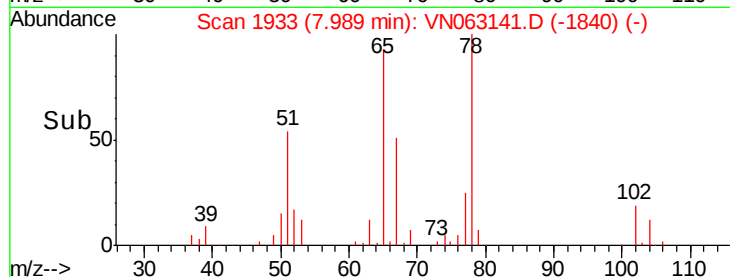
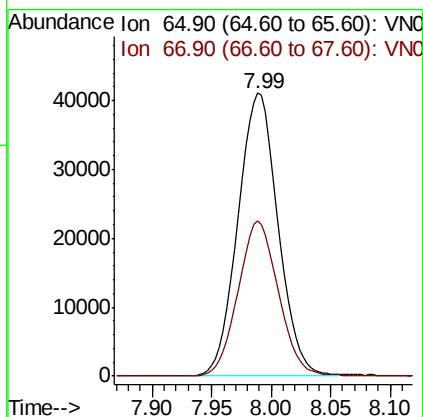
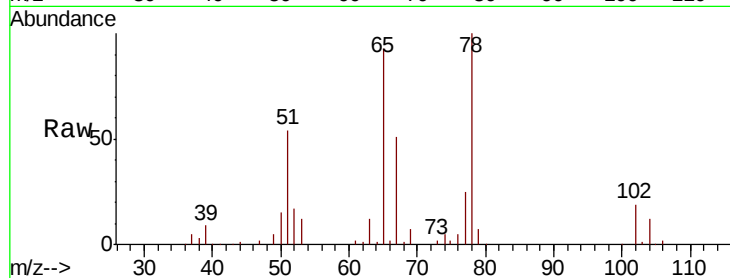




#33
 1,2-Dichloroethane-d4
 Concen: 51.012 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN063141.D
 Acq: 26 Aug 2020 18:35

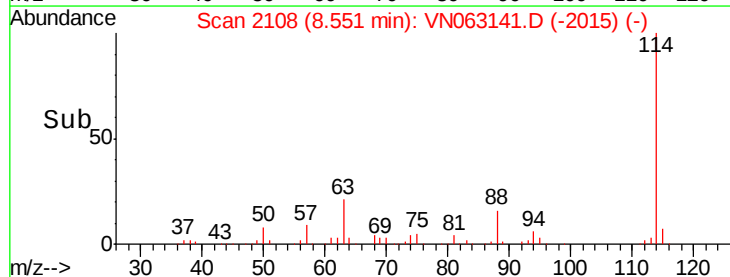
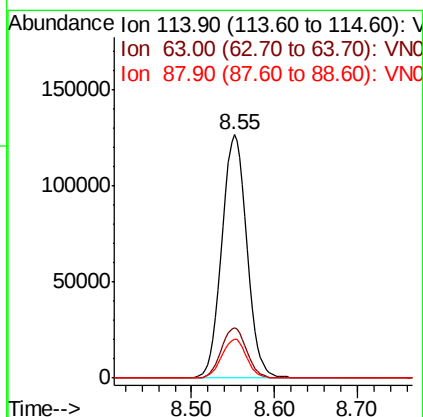
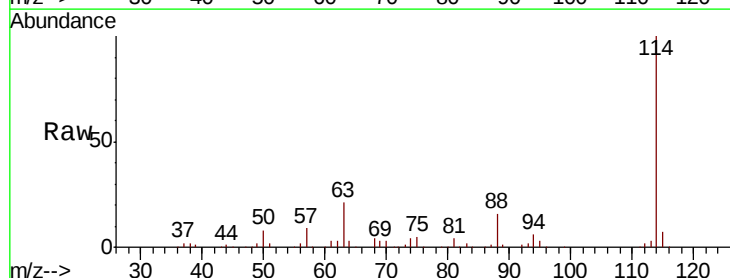
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-3

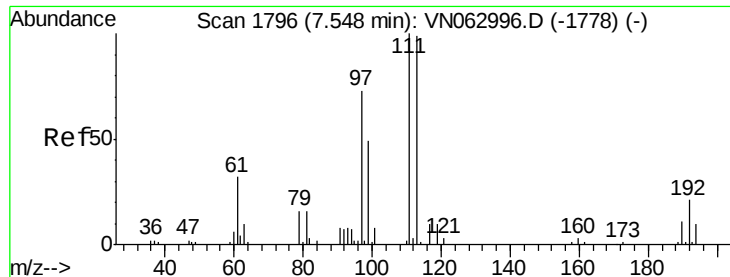
Tot Ion: 65 Resp: 96240
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN063141.D
 Acq: 26 Aug 2020 18:35

Tgt Ion: 114 Resp: 265524
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 43.2
 88 16.0 0.0 30.6

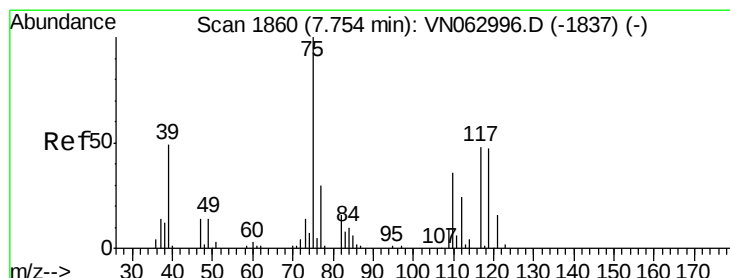
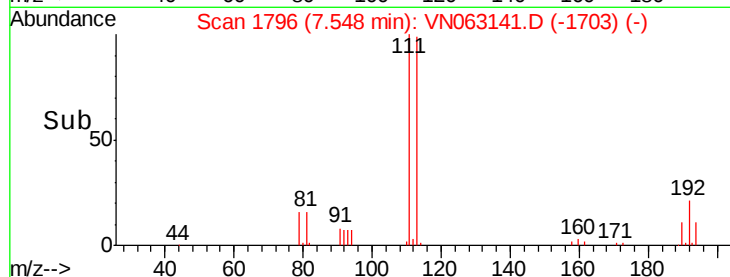
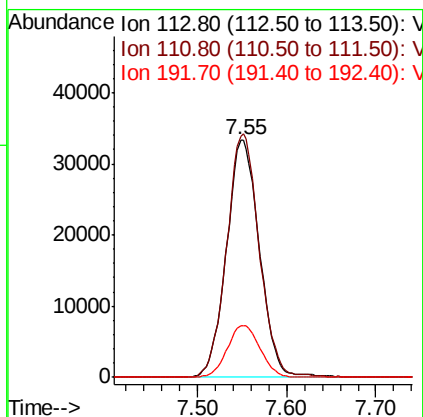
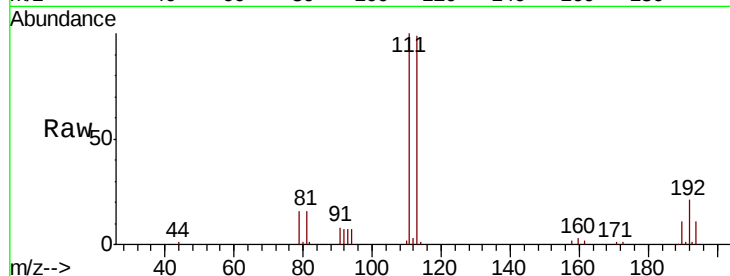




#35
 Dibromofluoromethane
 Concen: 49.235 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN063141.D
 Acq: 26 Aug 2020 18:35

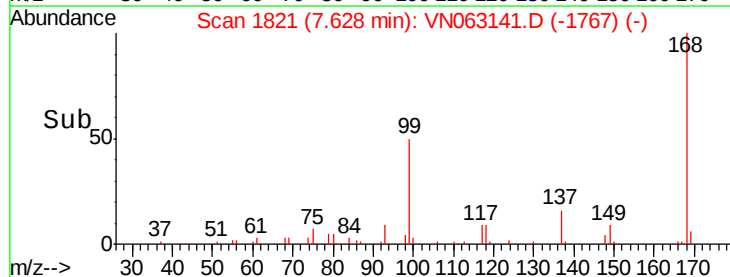
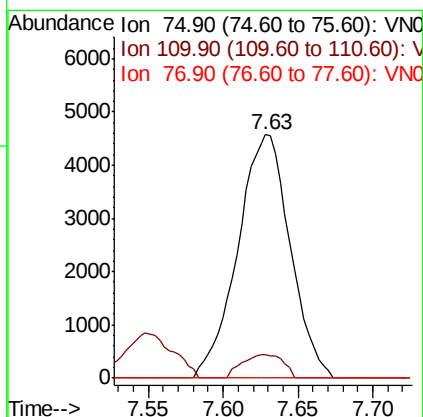
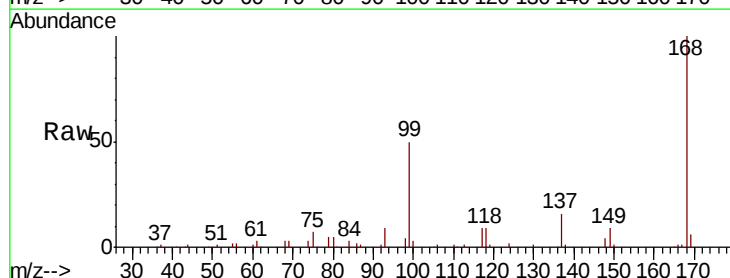
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-3

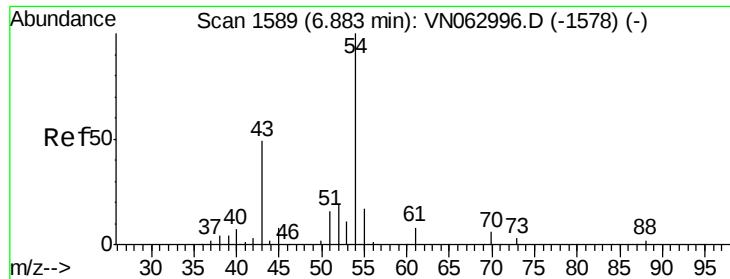
Tot Ion:113 Resp: 85183
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.7 122.5
 192 21.7 17.5 26.3



#36
 1,1-Dichloropropene
 Concen: 4.753 ug/l
 RT: 7.63 min Scan# 1821
 Delta R.T. -0.13 min
 Lab File: VN063141.D
 Acq: 26 Aug 2020 18:35

Tgt Ion: 75 Resp: 11121
 Ion Ratio Lower Upper
 75 100
 110 7.6 17.5 52.6#
 77 0.0 24.2 36.4#

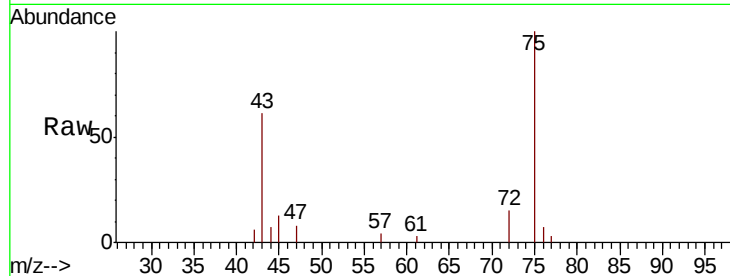




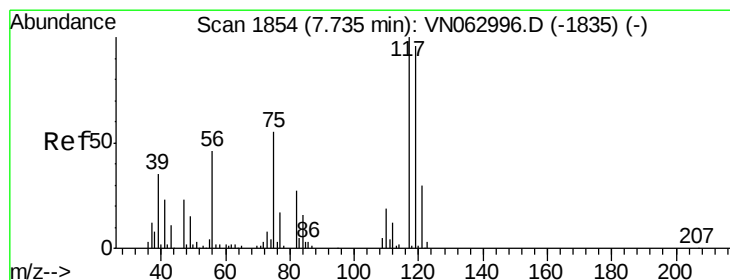
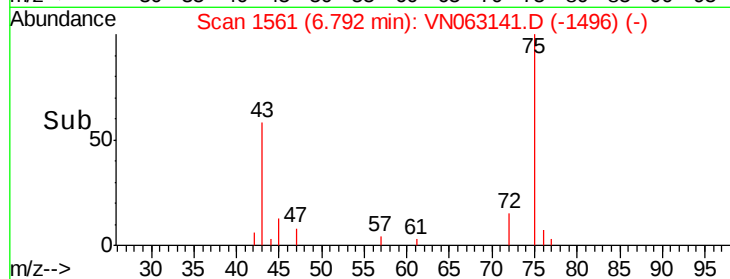
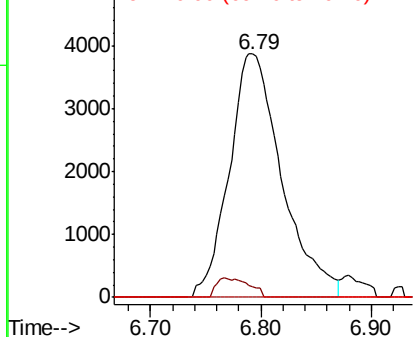
#37
Ethyl Acetate
Concen: 5.850 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.09 min
Lab File: VN063141.D
Acq: 26 Aug 2020 18:35

Instrument :
MSVOA_N
ClientSampleId :
COMP-3

Tot Ion: 43 Resp: 12827
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.8#
70 0.0 8.2 12.2#

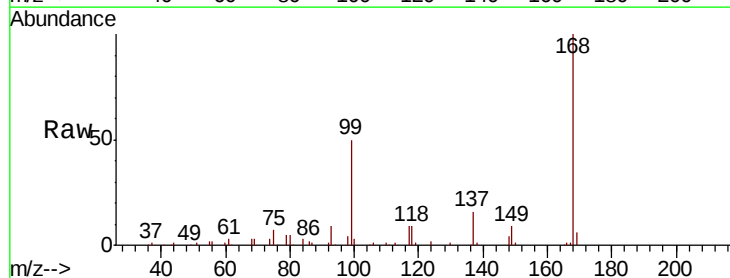


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

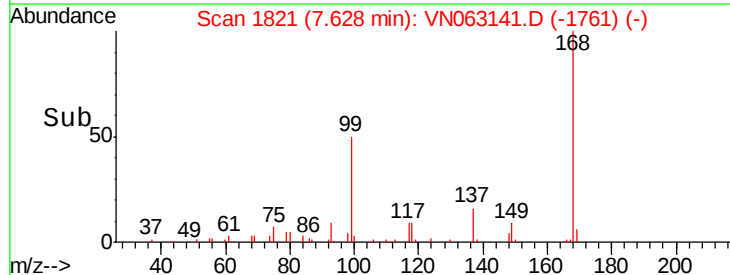
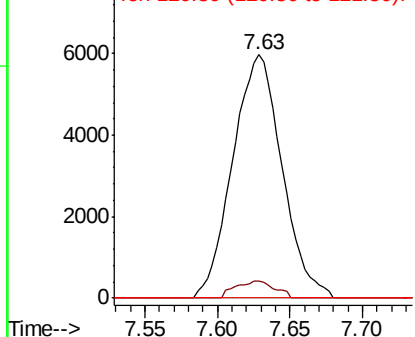


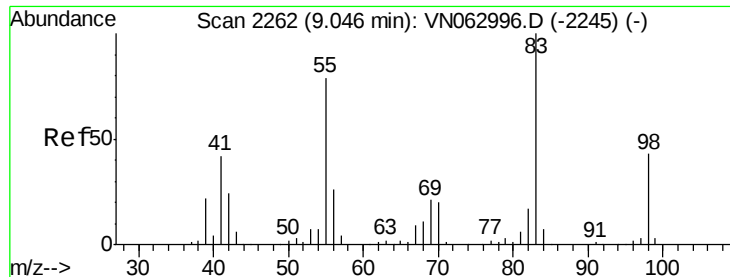
#38
Carbon Tetrachloride
Concen: 5.983 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.11 min
Lab File: VN063141.D
Acq: 26 Aug 2020 18:35

Tgt Ion: 117 Resp: 14134
Ion Ratio Lower Upper
117 100
119 7.2 76.2 114.4#
121 0.0 24.2 36.2#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

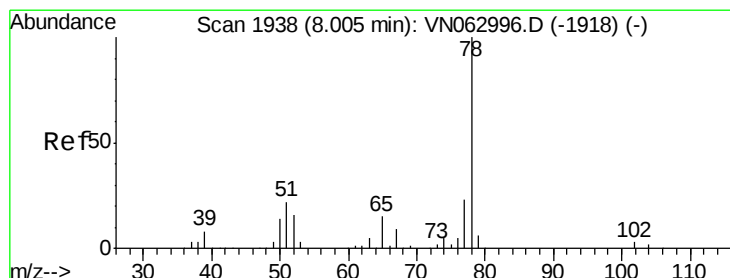
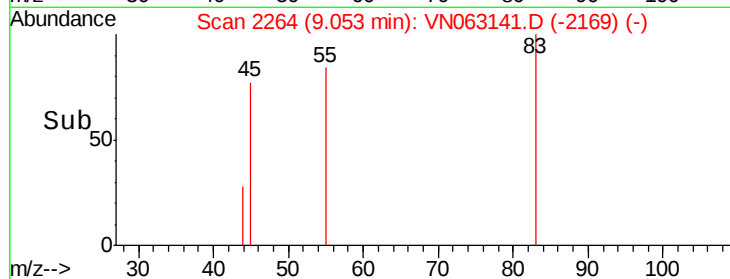
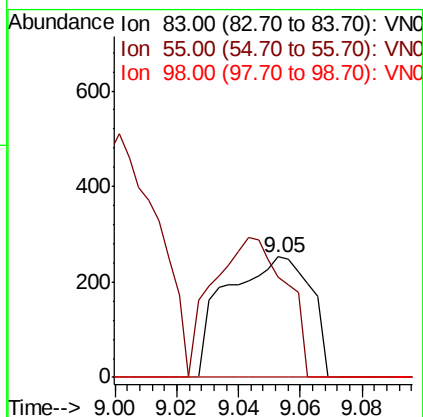
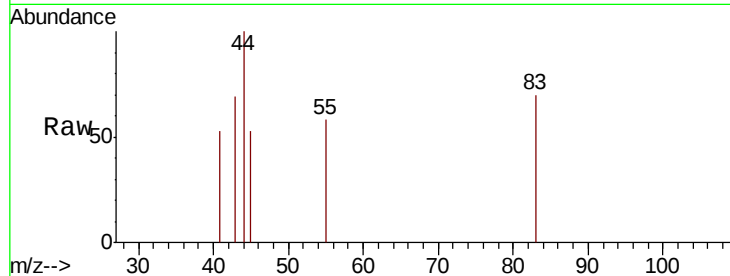




#39
Methvlcvclohexane
Concen: 1.708 ug/l
RT: 9.05 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VN063141.D
Acq: 26 Aug 2020 18:35

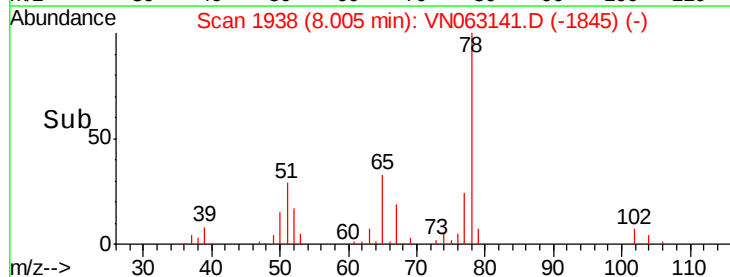
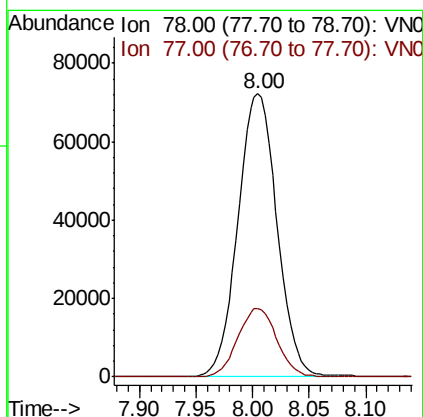
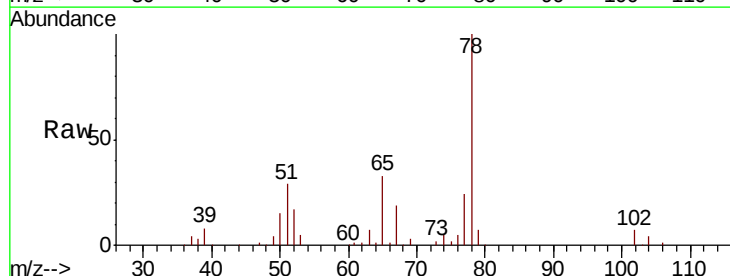
Instrument :
MSVOA_N
ClientSampled :
COMP-3

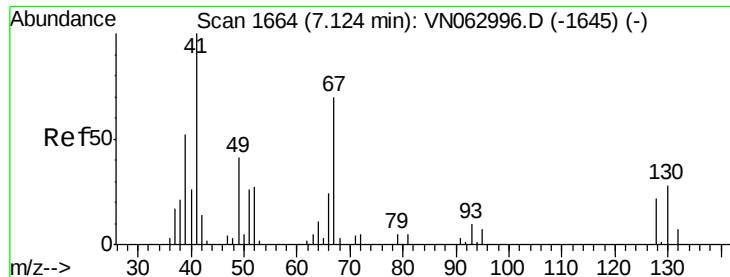
Tot Ion: 83 Resp: 476
Ion Ratio Lower Upper
83 100
55 83.7 63.3 94.9
98 0.0 34.2 51.4#



#40
Benzene
Concen: 23.400 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN063141.D
Acq: 26 Aug 2020 18:35

Tgt Ion: 78 Resp: 173659
Ion Ratio Lower Upper
78 100
77 24.2 18.8 28.2

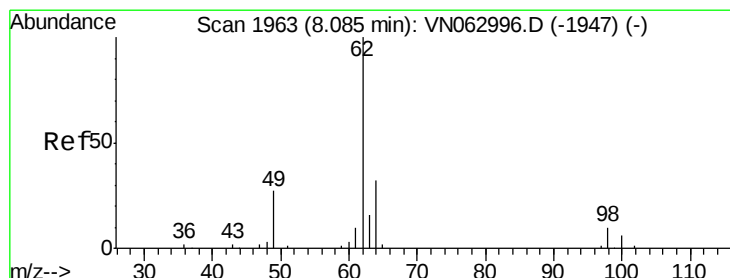
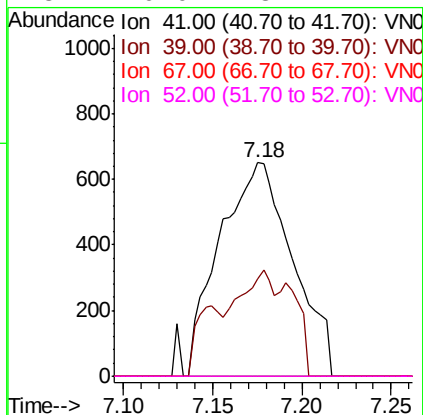
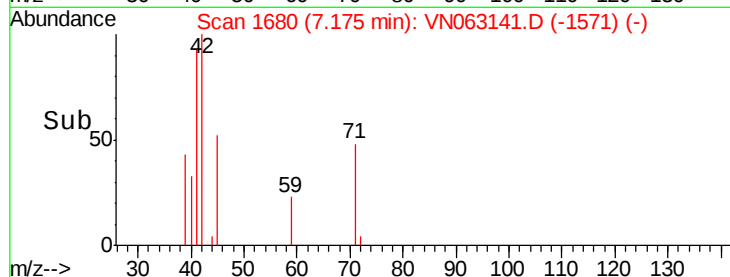
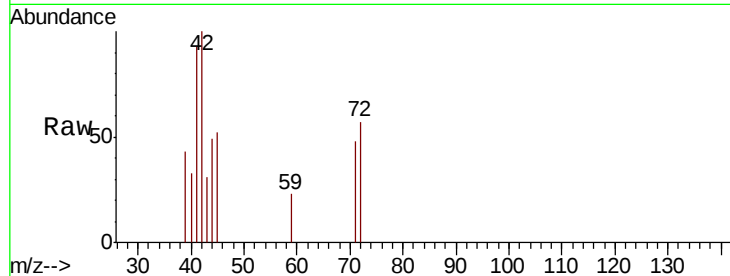




#41
Methacrylonitrile
Concen: 1.777 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.05 min
Lab File: VN063141.D
Acq: 26 Aug 2020 18:35

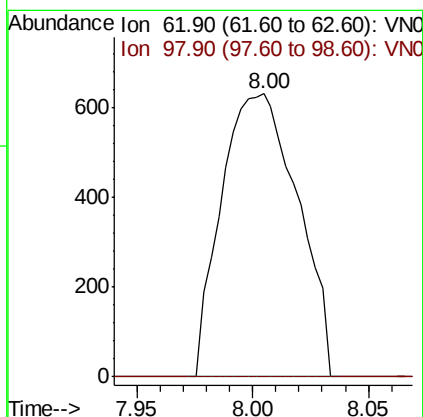
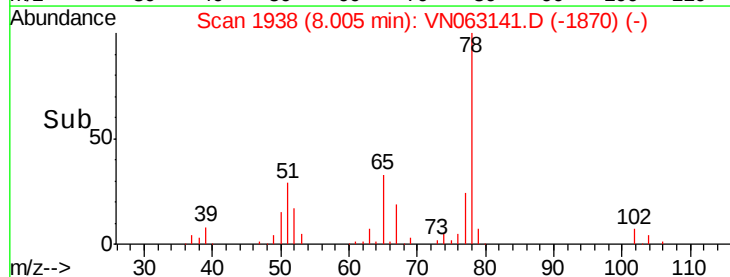
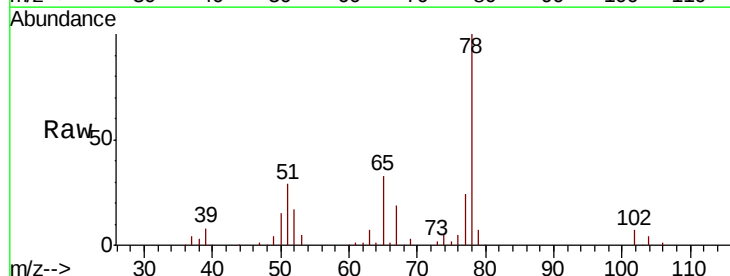
Instrument :
MSVOA_N
ClientSampled :
COMP-3

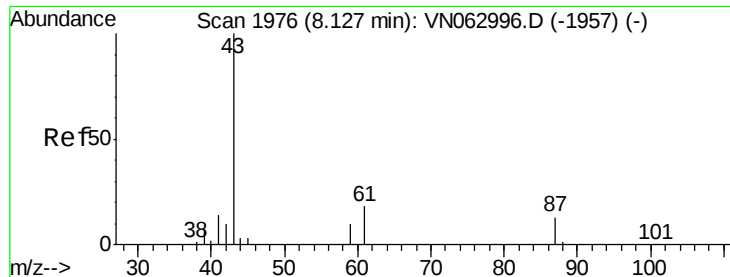
Tot Ion: 41 Resp: 1856
Ion Ratio Lower Upper
41 100
39 11.2 41.6 62.4#
67 0.0 71.8 107.8#
52 0.0 28.2 42.4#



#42
1,2-Dichloroethane
Concen: 0.579 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.08 min
Lab File: VN063141.D
Acq: 26 Aug 2020 18:35

Tgt Ion: 62 Resp: 1442
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.4





#43

Isopropyl Acetate

Concen: 0.615 ug/l

RT: 8.10 min Scan# 1968

Delta R.T. -0.03 min

Lab File: VN063141.D

Acq: 26 Aug 2020 18:35

Instrument :

MSVOA_N

ClientSampleId :

COMP-3

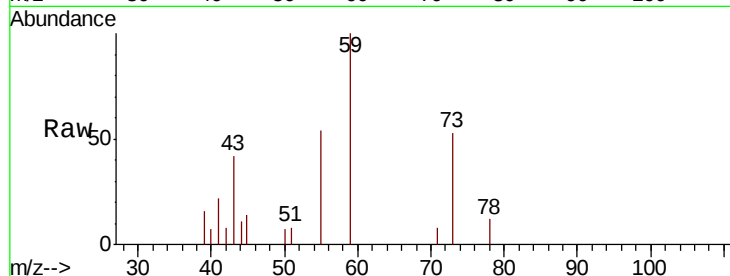
Tot Ion: 43 Resp: 2234

Ion Ratio Lower Upper

43 100

61 0.0 22.6 33.8#

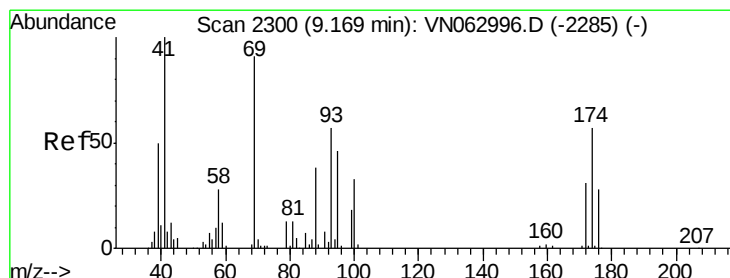
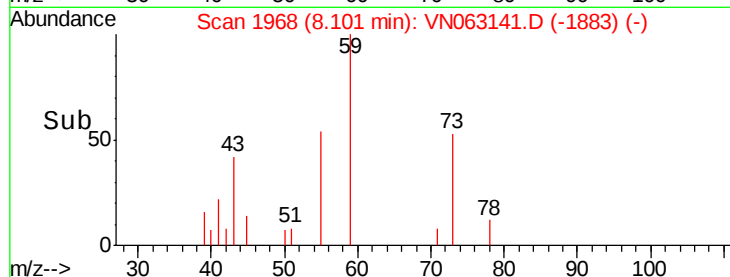
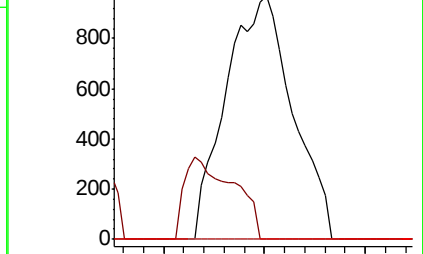
87 0.0 10.5 15.7#



Abundance Ion 43.00 (42.70 to 43.70): VN063141.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN063141.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN063141.D (-1968) (-)



#49

1,4-Dioxane

Concen: 119.753 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. 0.00 min

Lab File: VN063141.D

Acq: 26 Aug 2020 18:35

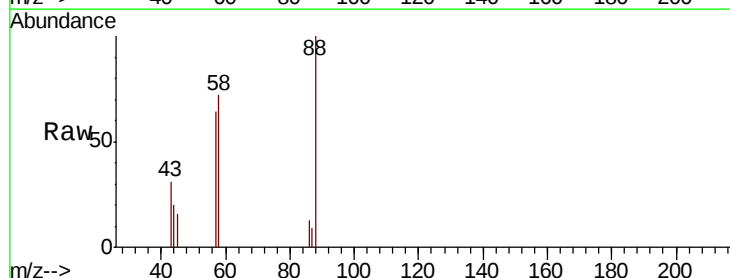
Tgt Ion: 88 Resp: 4012

Ion Ratio Lower Upper

88 100

43 26.9 25.2 37.8

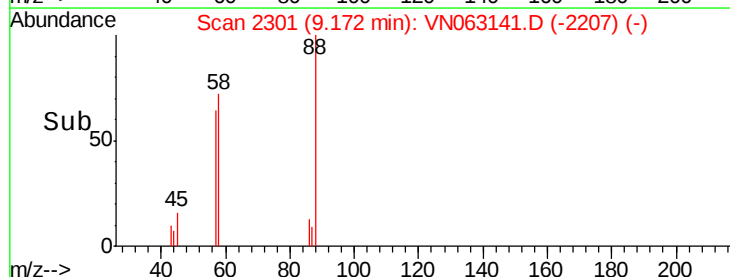
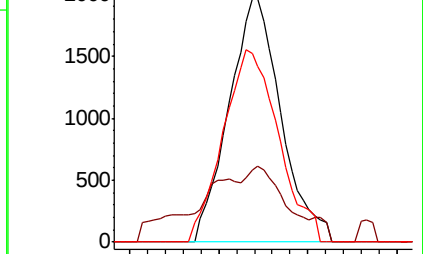
58 83.5 56.7 85.1

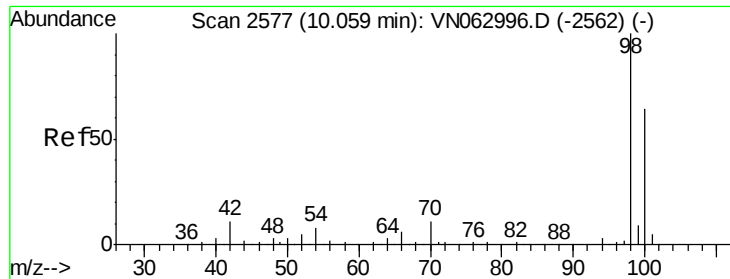


Abundance Ion 88.00 (87.70 to 88.70): VN063141.D (-2301) (-)

Ion 43.00 (42.70 to 43.70): VN063141.D (-2301) (-)

Ion 58.00 (57.70 to 58.70): VN063141.D (-2301) (-)





#50

Toluene-d8

Concen: 51.177 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN063141.D

Acq: 26 Aug 2020 18:35

Instrument :

MSVOA_N

ClientSampleId :

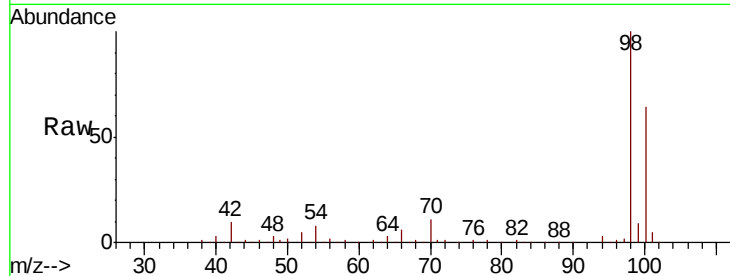
COMP-3

Tot Ion: 98 Resp: 340102

Ion Ratio Lower Upper

98 100

100 64.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.06

200000

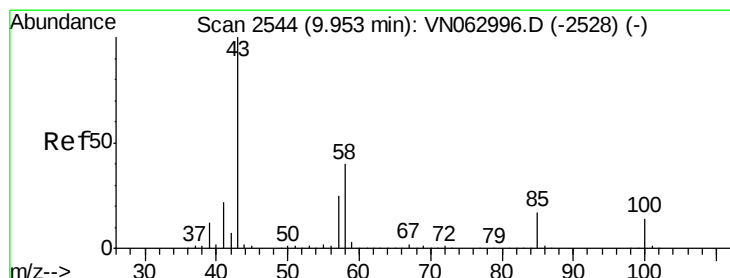
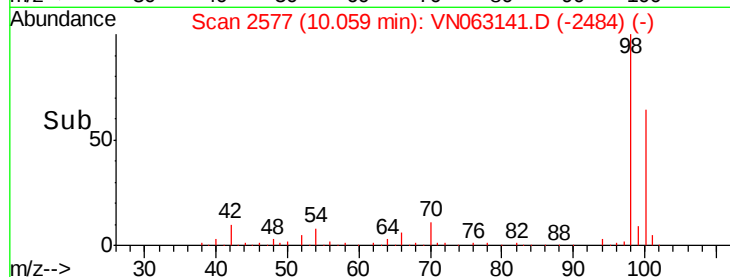
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 10.395 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN063141.D

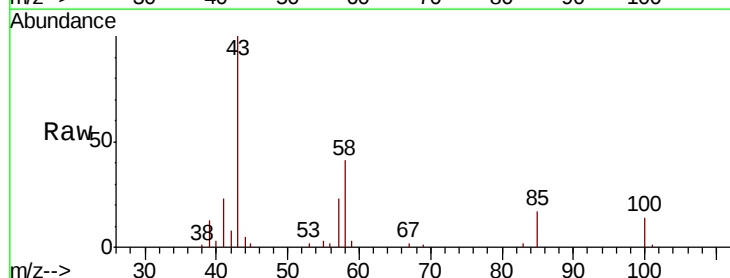
Acq: 26 Aug 2020 18:35

Tgt Ion: 43 Resp: 23867

Ion Ratio Lower Upper

43 100

58 37.3 32.2 48.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

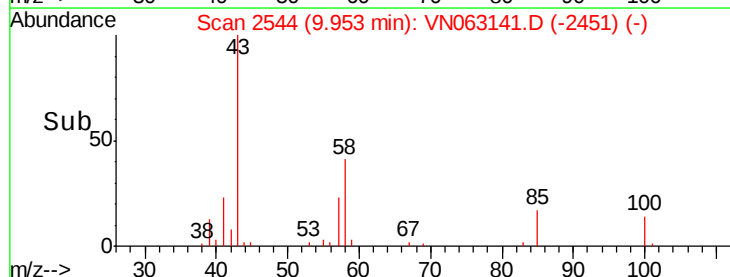
9.95

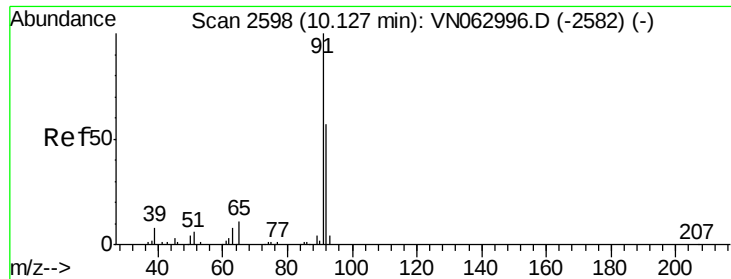
10000

5000

0

Time-->





#52

Toluene

Concen: 19.056 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN063141.D

Acq: 26 Aug 2020 18:35

Instrument :

MSVOA_N

ClientSampled :

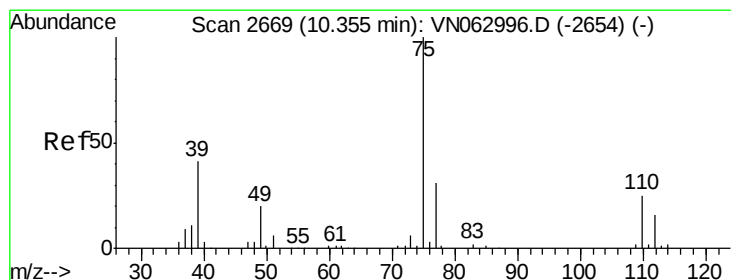
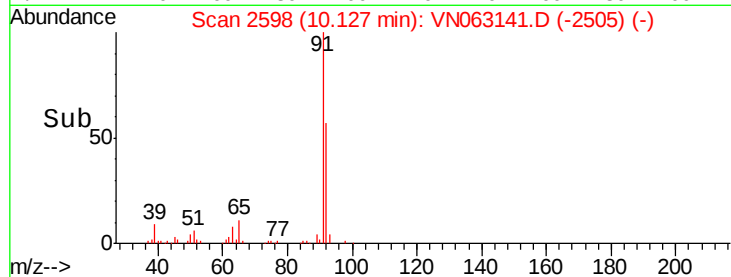
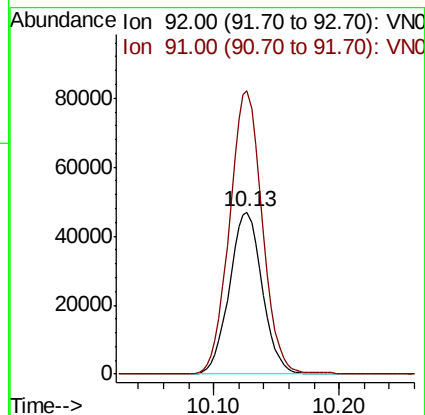
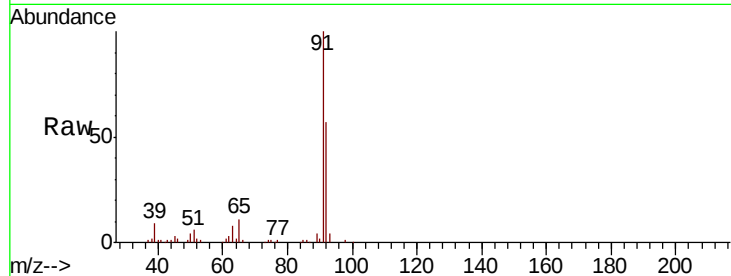
COMP-3

Tot Ion: 92 Resp: 85311

Ion Ratio Lower Upper

92 100

91 174.4 139.2 208.8



#53

t-1,3-Dichloropropene

Concen: 0.328 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.23 min

Lab File: VN063141.D

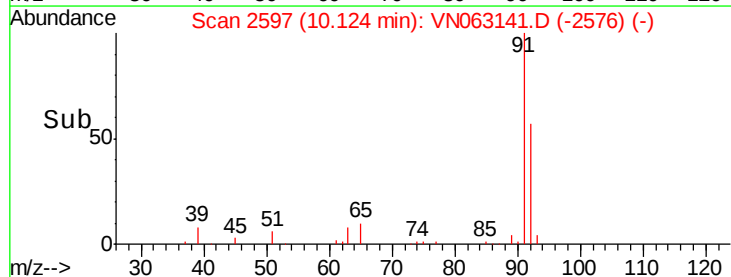
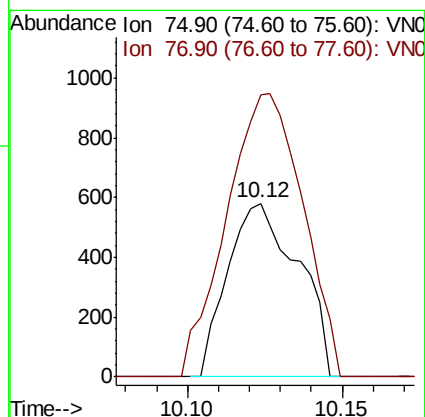
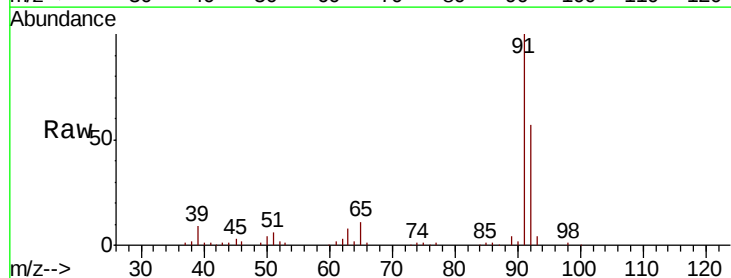
Acq: 26 Aug 2020 18:35

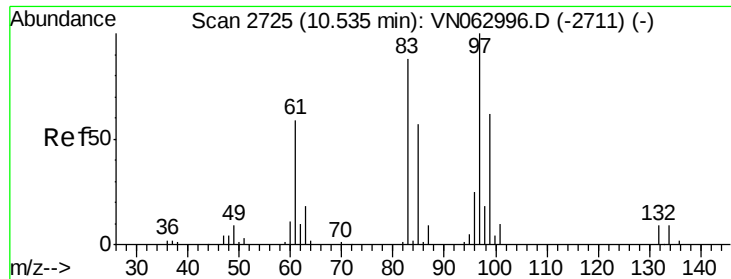
Tgt Ion: 75 Resp: 922

Ion Ratio Lower Upper

75 100

77 162.1 24.6 37.0#

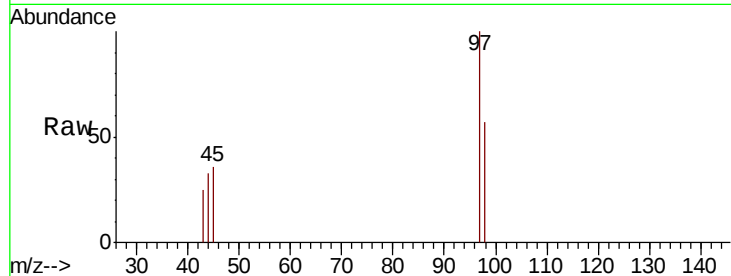




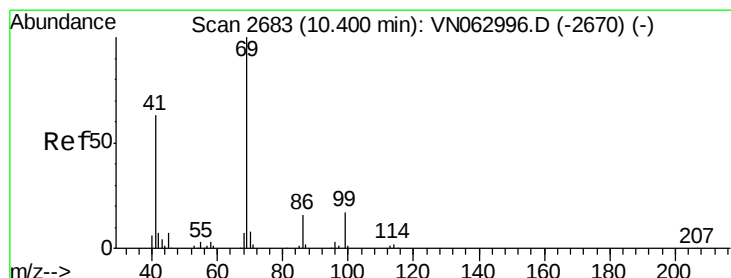
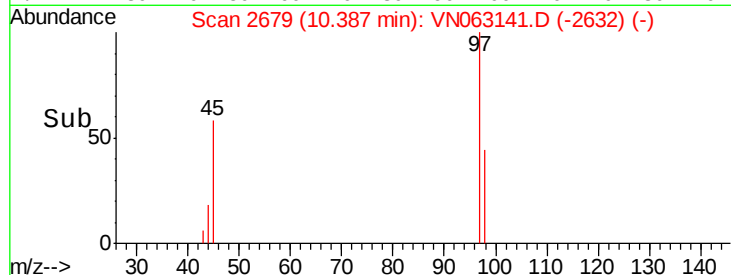
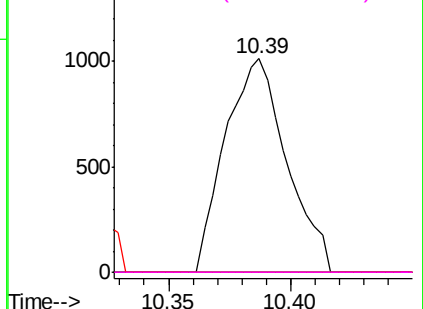
#55
 1,1,2-Trichloroethane
 Concen: 0.925 ug/l
 RT: 10.39 min Scan# 2679
 Delta R.T. -0.15 min
 Lab File: VN063141.D
 Acq: 26 Aug 2020 18:35

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-3

Tot Ion: 97 Resp: 1771
 Ion Ratio Lower Upper
 97 100
 83 0.0 70.5 105.7#
 85 0.0 45.8 68.6#
 99 0.0 49.7 74.5#

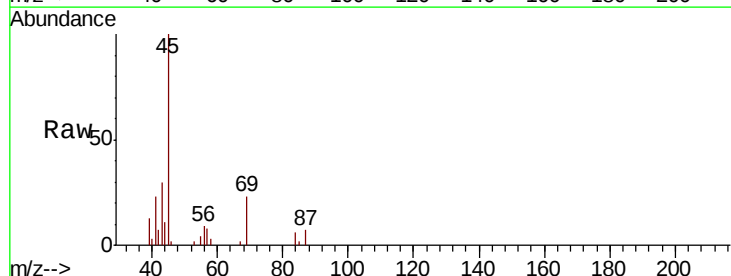


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

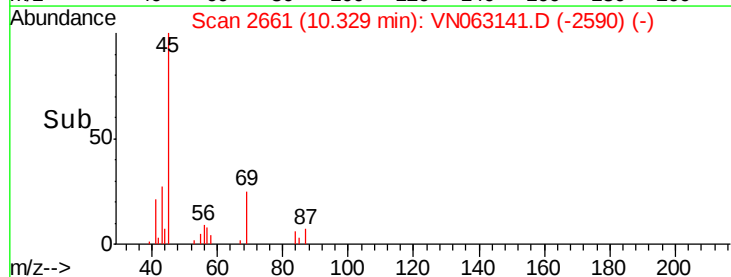
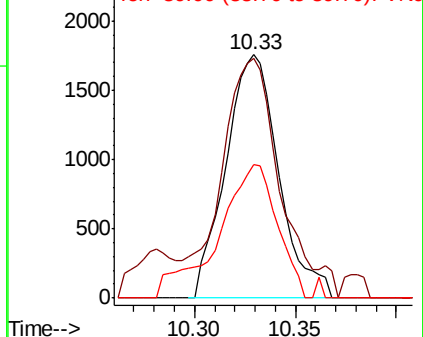


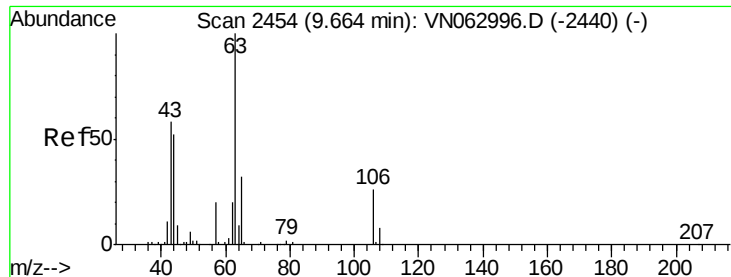
#56
 Ethyl methacrylate
 Concen: 2.794 ug/l
 RT: 10.33 min Scan# 2661
 Delta R.T. -0.07 min
 Lab File: VN063141.D
 Acq: 26 Aug 2020 18:35

Tgt Ion: 69 Resp: 3225
 Ion Ratio Lower Upper
 69 100
 41 109.4 50.2 75.2#
 39 61.3 24.2 36.4#



Abundance Ion 69.00 (68.70 to 69.70): VNO
 Ion 41.00 (40.70 to 41.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO

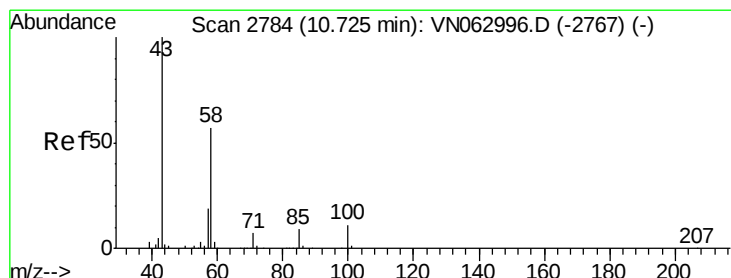
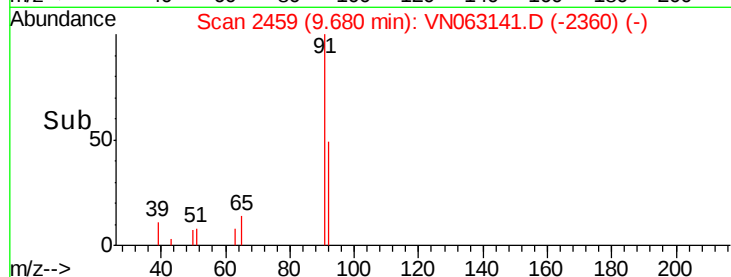
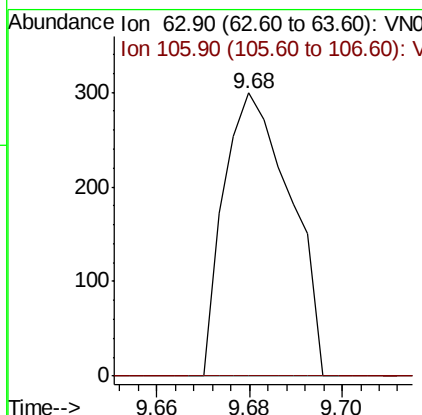
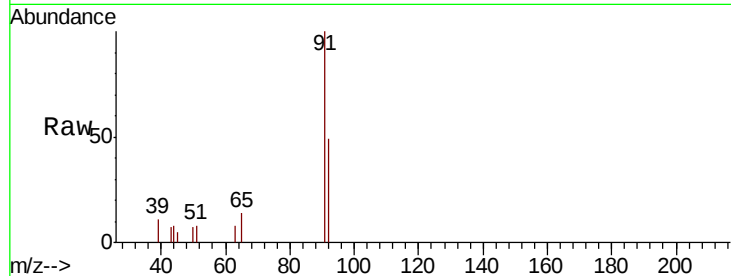




#58
2-Chloroethyl Vinyl ether
Concen: 12.596 ug/l
RT: 9.68 min Scan# 2459
Delta R.T. 0.02 min
Lab File: VN063141.D
Acq: 26 Aug 2020 18:35

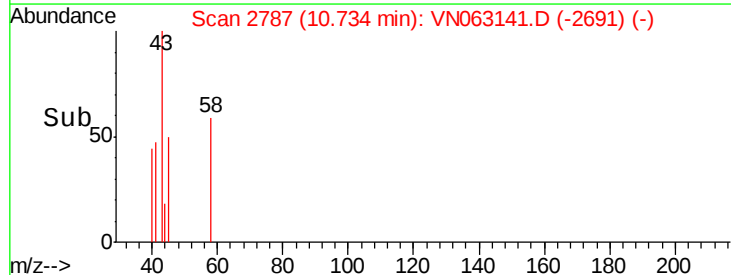
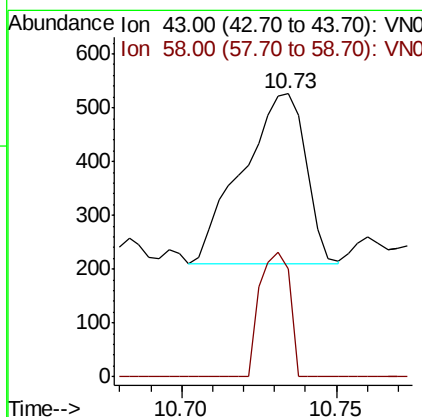
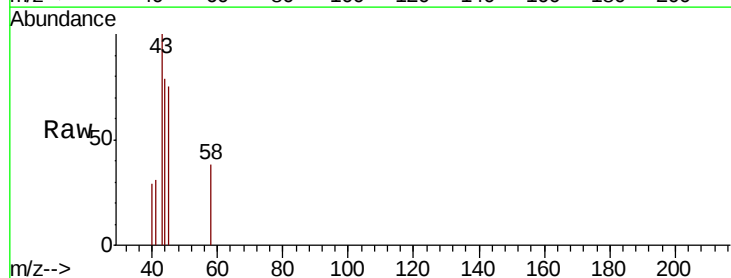
Instrument :
MSVOA_N
ClientSampled :
COMP-3

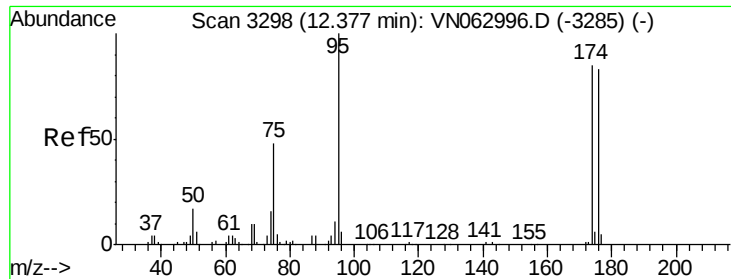
Tot Ion: 63 Resp: 299
Ion Ratio Lower Upper
63 100
106 0.0 20.7 31.1#



#59
2-Hexanone
Concen: 0.282 ug/l
RT: 10.73 min Scan# 2787
Delta R.T. 0.01 min
Lab File: VN063141.D
Acq: 26 Aug 2020 18:35

Tgt Ion: 43 Resp: 452
Ion Ratio Lower Upper
43 100
58 34.5 28.1 84.3

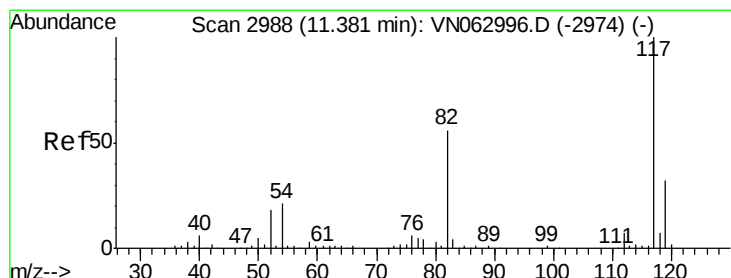
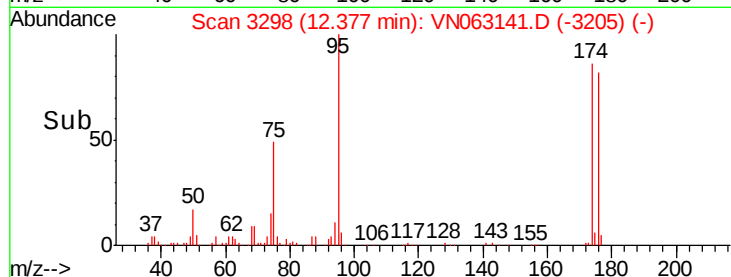
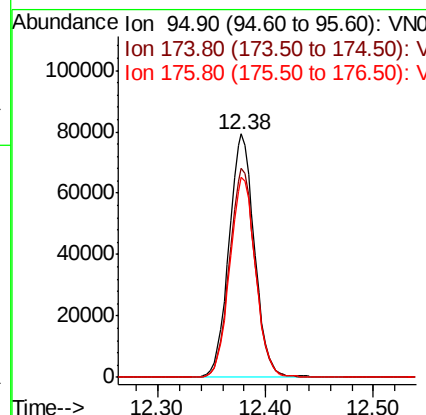
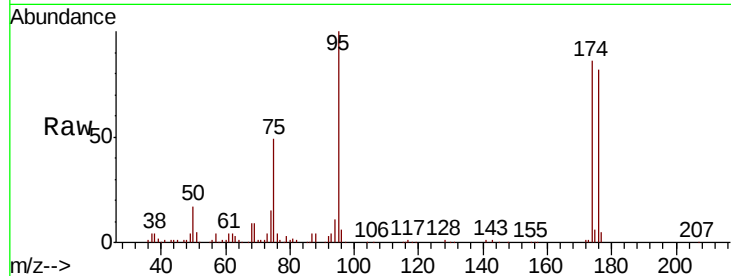




#62
4-Bromofluorobenzene
Concen: 55.762 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN063141.D
Acq: 26 Aug 2020 18:35

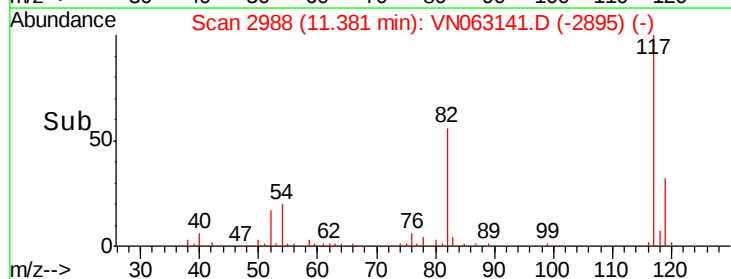
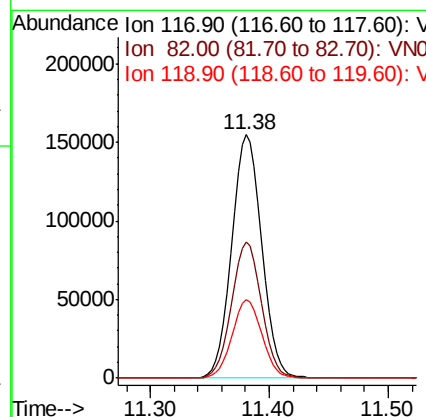
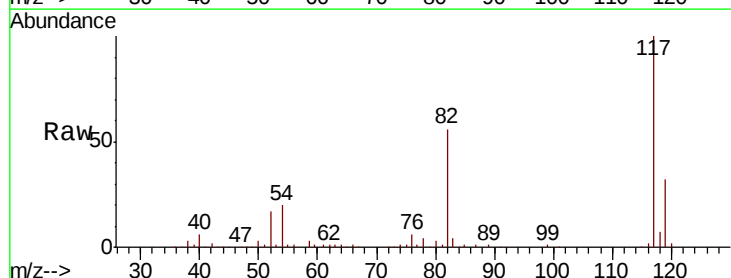
Instrument :
MSVOA_N
ClientSampleId :
COMP-3

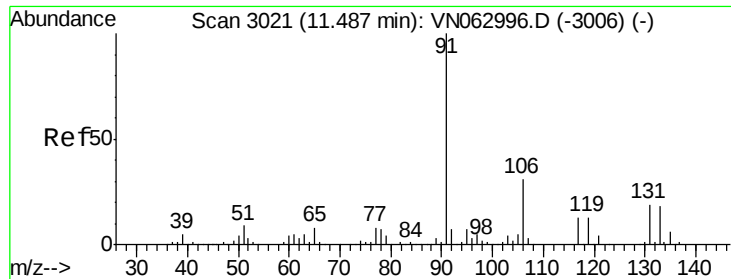
Tot Ion: 95 Resp: 130768
Ion Ratio Lower Upper
95 100
174 86.2 0.0 170.8
176 82.9 0.0 164.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN063141.D
Acq: 26 Aug 2020 18:35

Tgt Ion: 117 Resp: 270964
Ion Ratio Lower Upper
117 100
82 55.8 44.5 66.7
119 32.0 25.5 38.3

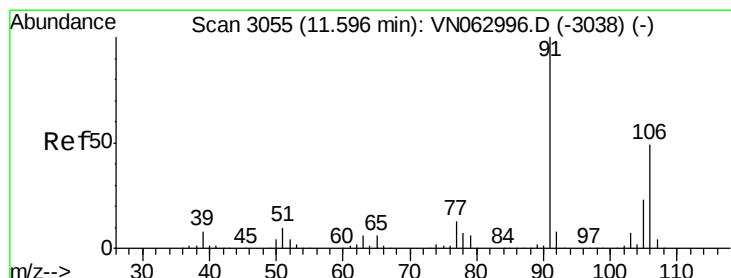
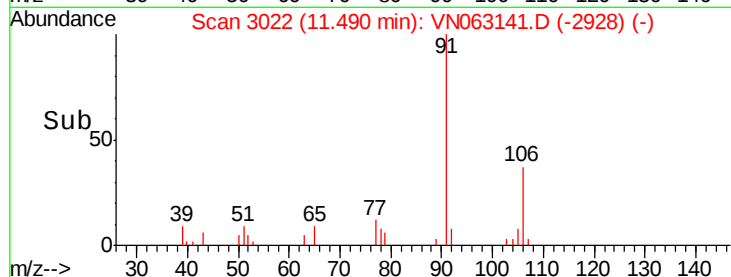
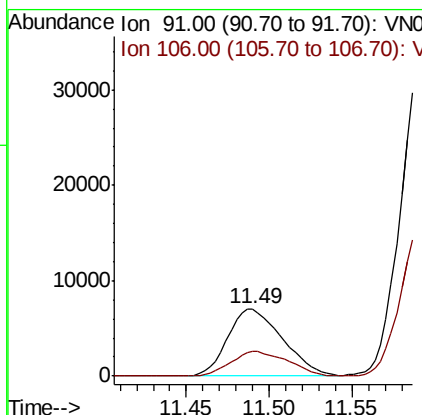
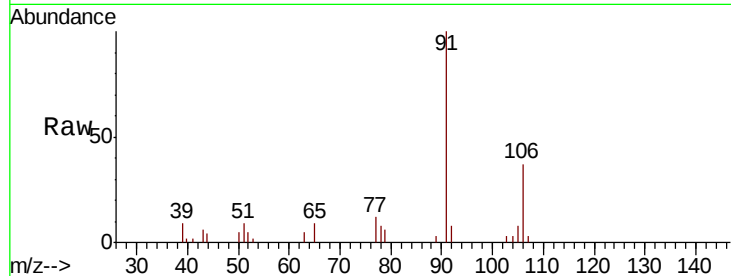




#67
Ethyl Benzene
Concen: 1.764 ug/l
RT: 11.49 min Scan# 3022
Delta R.T. 0.00 min
Lab File: VN063141.D
Acq: 26 Aug 2020 18:35

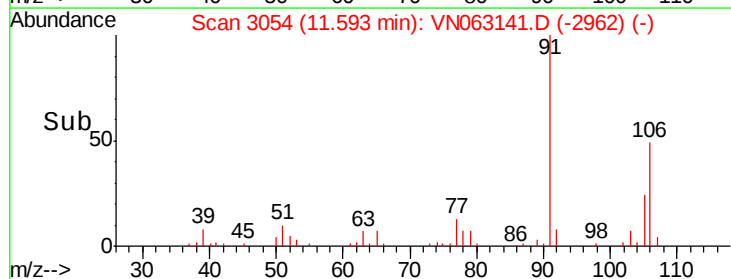
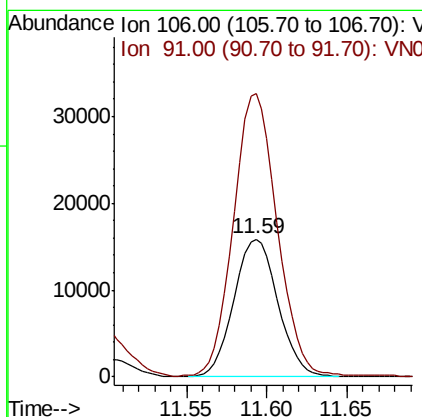
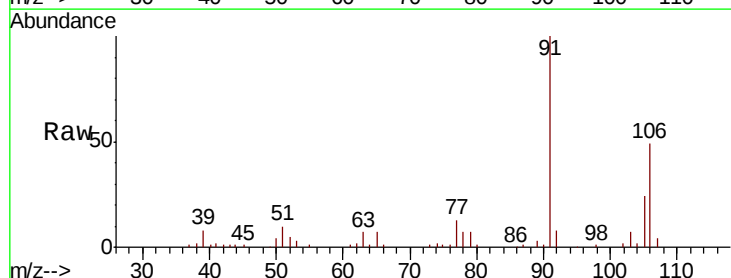
Instrument :
MSVOA_N
ClientSampled :
COMP-3

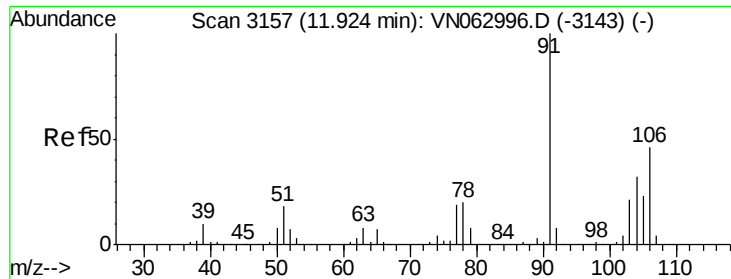
Tot Ion: 91 Resp: 16225
Ion Ratio Lower Upper
91 100
106 37.3 24.6 37.0#



#68
m/p-Xylenes
Concen: 8.736 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN063141.D
Acq: 26 Aug 2020 18:35

Tgt Ion: 106 Resp: 29856
Ion Ratio Lower Upper
106 100
91 205.4 163.0 244.4

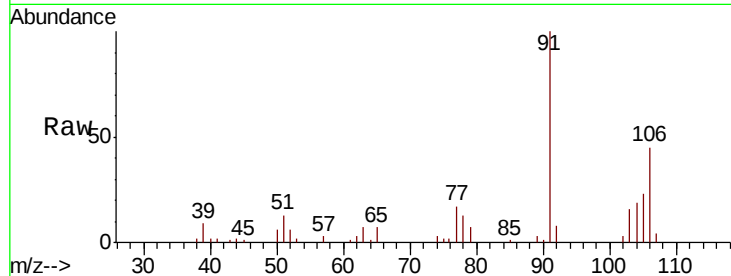




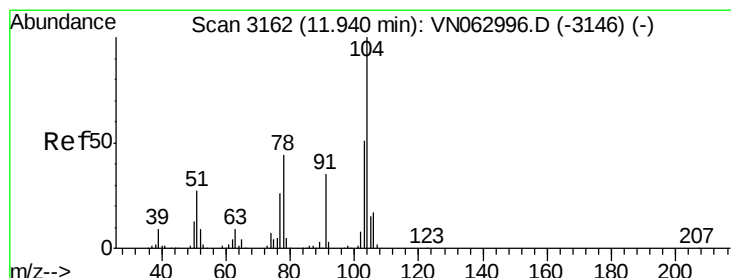
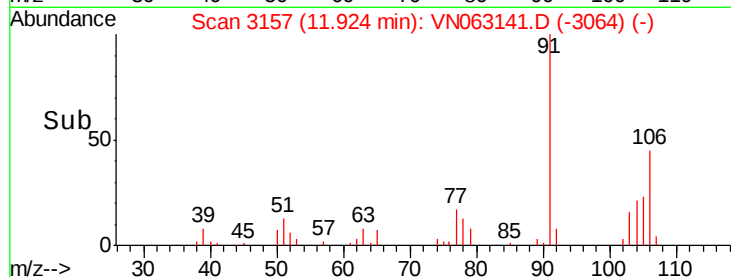
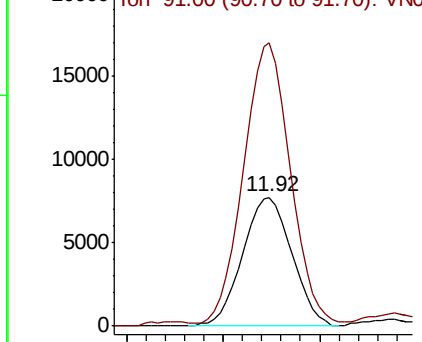
#69
o-Xylene
Concen: 4.156 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN063141.D
Acq: 26 Aug 2020 18:35

Instrument :
MSVOA_N
ClientSampled :
COMP-3

Tot Ion:106 Resp: 13639
Ion Ratio Lower Upper
106 100
91 205.9 107.3 321.9

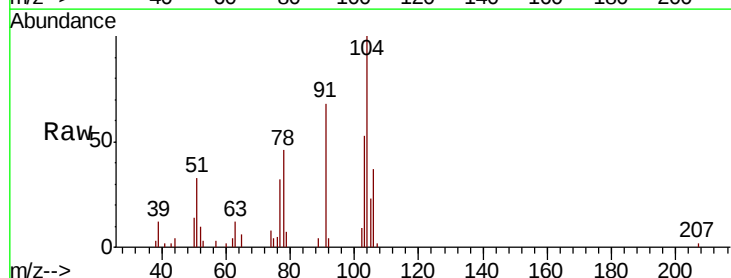


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

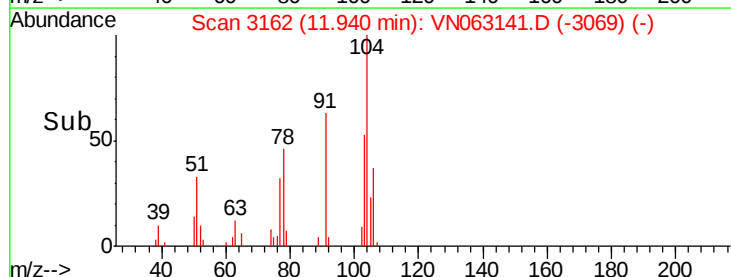
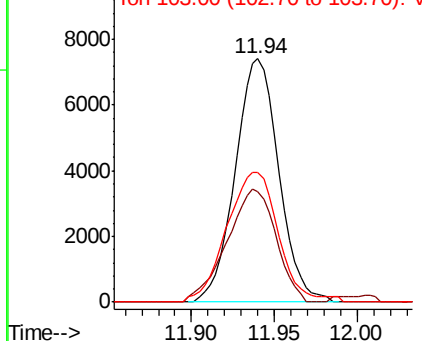


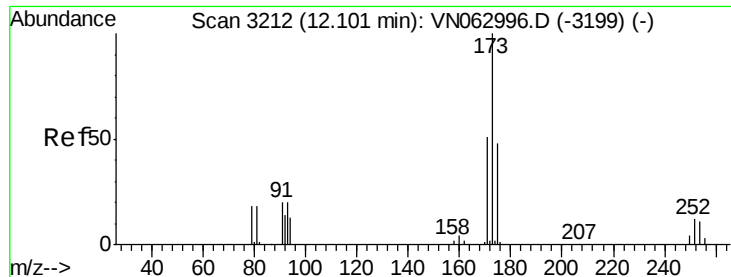
#70
Styrene
Concen: 3.926 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN063141.D
Acq: 26 Aug 2020 18:35

Tgt Ion:104 Resp: 13560
Ion Ratio Lower Upper
104 100
78 51.8 39.0 58.6
103 63.1 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 0.516 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.28 min

Lab File: VN063141.D

Acq: 26 Aug 2020 18:35

Instrument :

MSVOA_N

ClientSampleId :

COMP-3

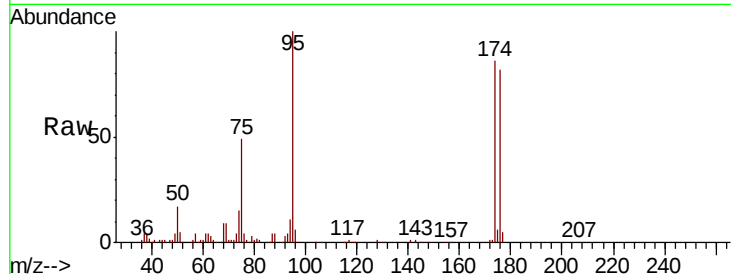
Tot Ion:173 Resp: 870

Ion Ratio Lower Upper

173 100

175 778.5 24.3 72.8#

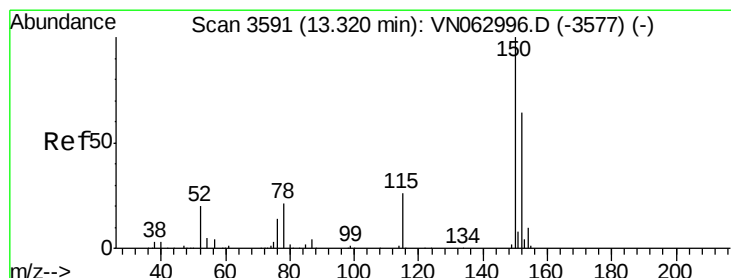
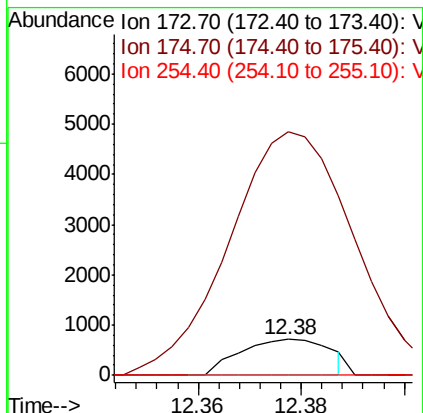
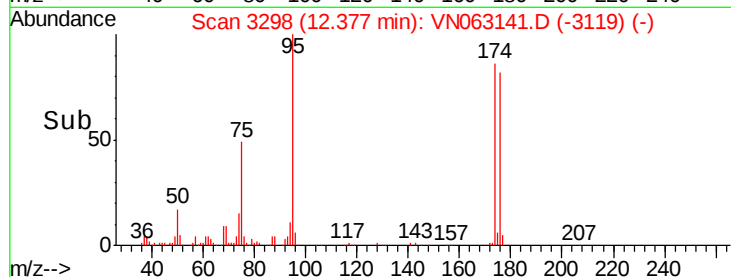
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN063141.D

Acq: 26 Aug 2020 18:35

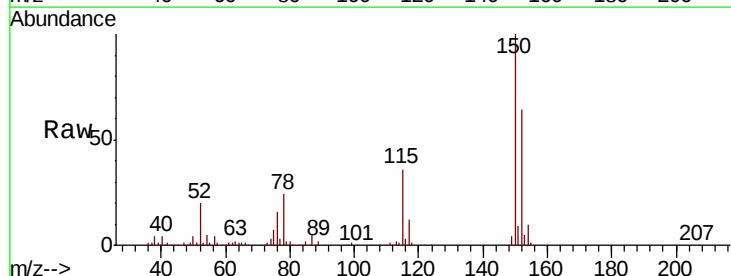
Tgt Ion:152 Resp: 130165

Ion Ratio Lower Upper

152 100

115 57.3 28.7 86.3

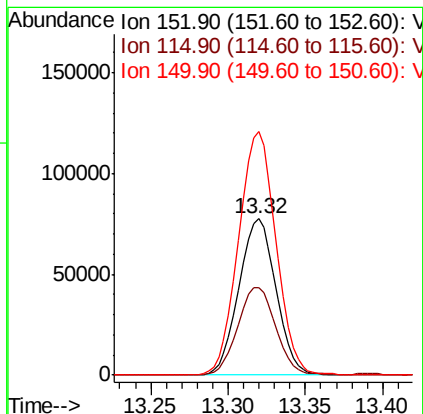
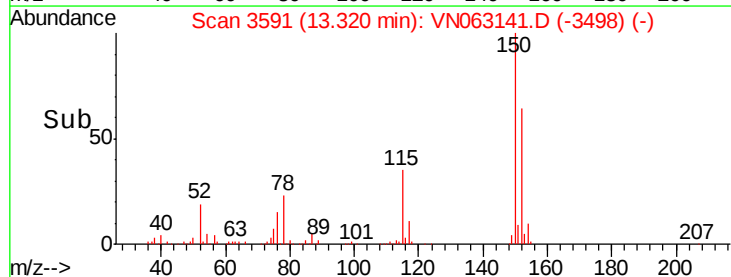
150 156.8 0.0 348.8

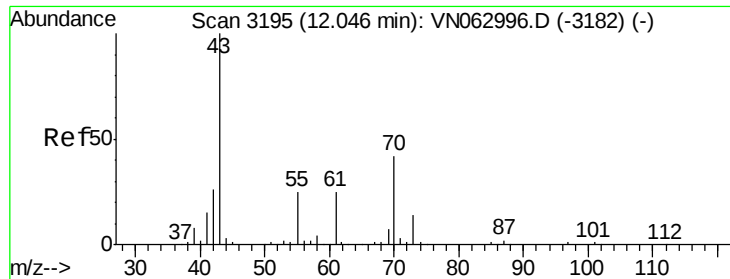


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.428 ug/l

RT: 12.01 min Scan# 3183

Delta R.T. -0.04 min

Lab File: VN063141.D

Acq: 26 Aug 2020 18:35

Instrument :

MSVOA_N

ClientSampleId :

COMP-3

Tot Ion: 43 Resp: 1367

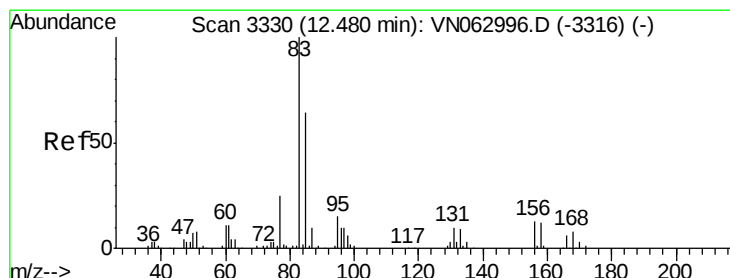
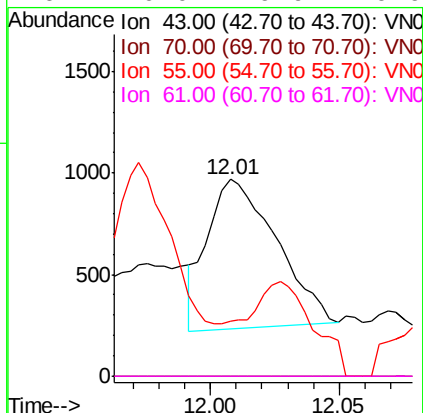
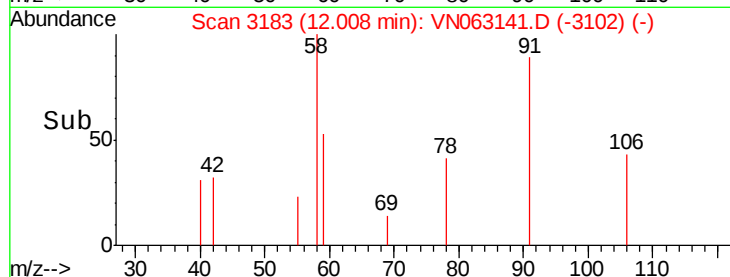
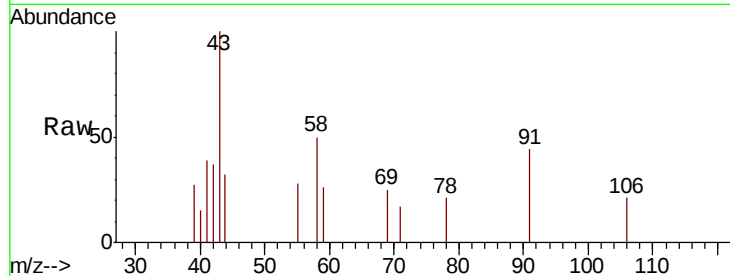
Ion Ratio Lower Upper

43 100

70 0.0 33.4 50.0#

55 54.4 20.2 30.2#

61 0.0 19.9 29.9#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.44 min Scan# 3316

Delta R.T. -0.04 min

Lab File: VN063141.D

Acq: 26 Aug 2020 18:35

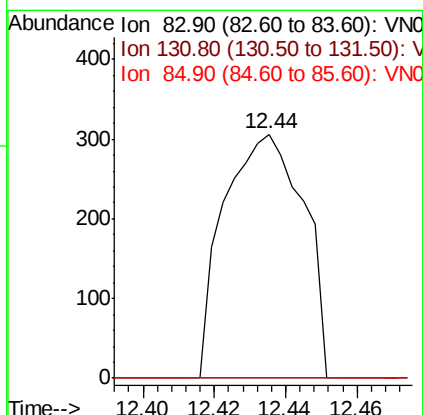
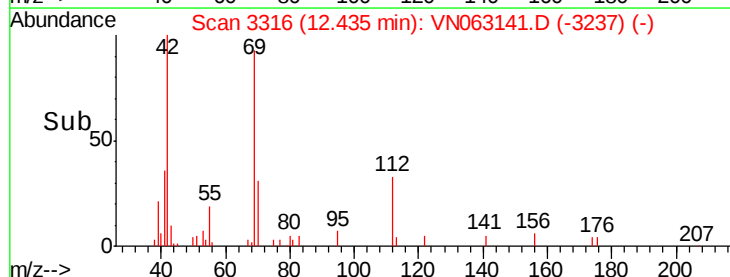
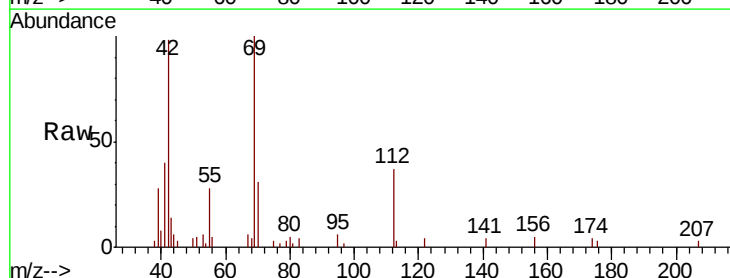
Tgt Ion: 83 Resp: 472

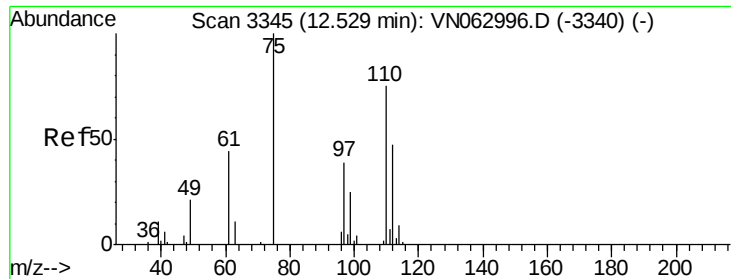
Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.7#

85 0.0 31.9 95.5#





#76

1,2,3-Trichloropropane

Concen: 25.084 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN063141.D

Acq: 26 Aug 2020 18:35

Instrument :

MSVOA_N

ClientSampled :

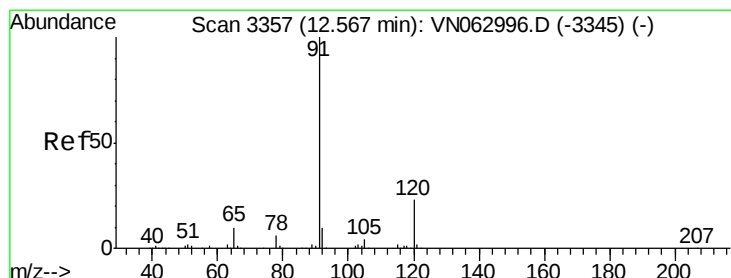
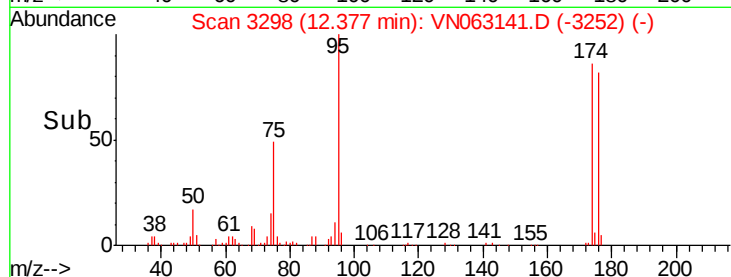
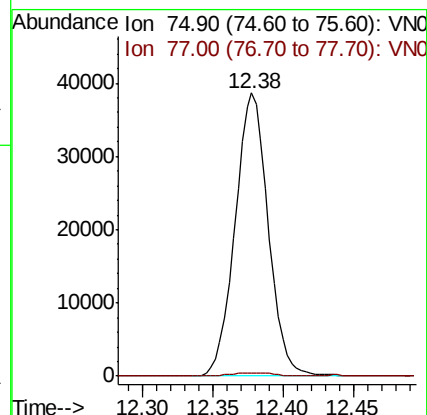
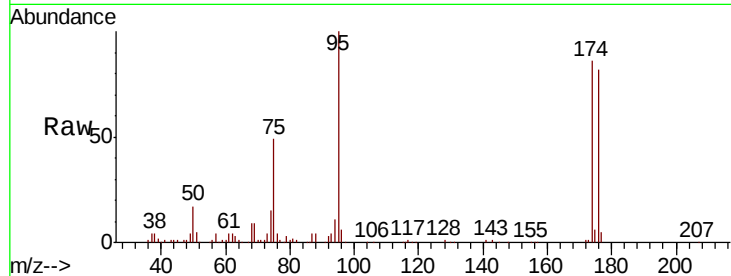
COMP-3

Tot Ion: 75 Resp: 63465

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#78

n-propylbenzene

Concen: 0.446 ug/l

RT: 12.57 min Scan# 3358

Delta R.T. 0.00 min

Lab File: VN063141.D

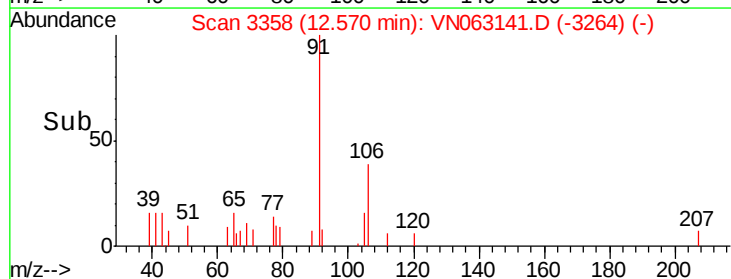
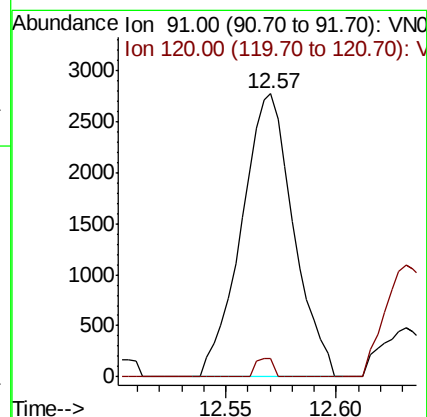
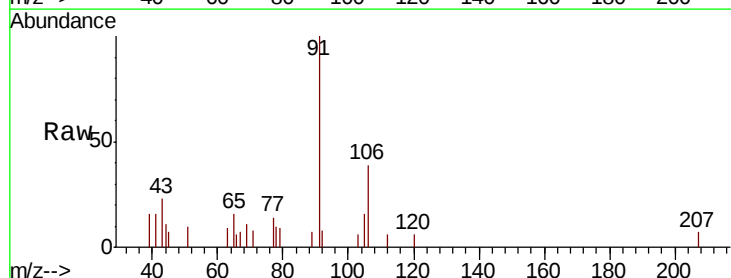
Acq: 26 Aug 2020 18:35

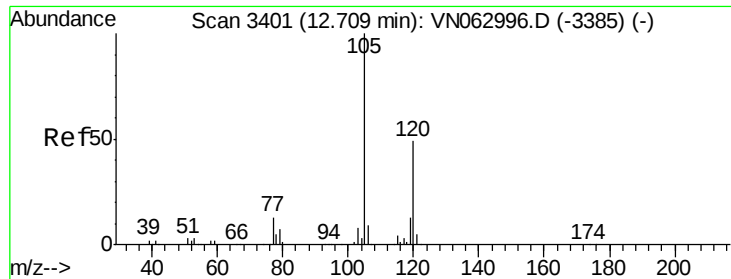
Tgt Ion: 91 Resp: 4531

Ion Ratio Lower Upper

91 100

120 2.1 11.4 34.1#





#80

1,3,5-Trimethylbenzene

Concen: 0.618 ug/l

RT: 12.71 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN063141.D

Acq: 26 Aug 2020 18:35

Instrument :

MSVOA_N

ClientSampled :

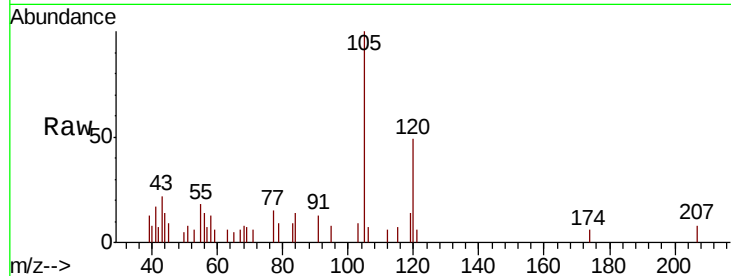
COMP-3

Tot Ion:105 Resp: 4553

Ion Ratio Lower Upper

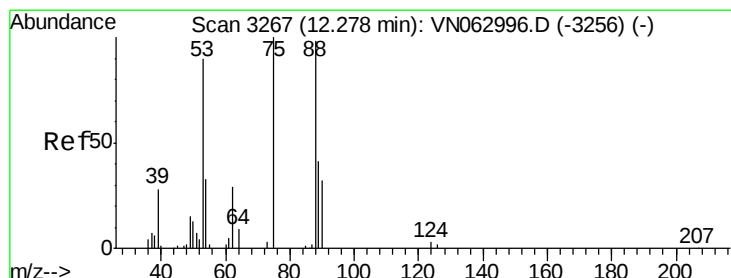
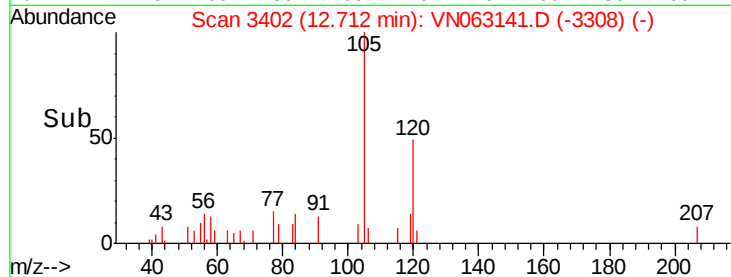
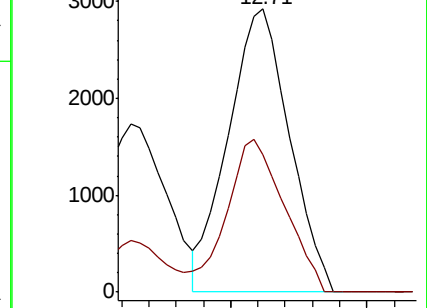
105 100

120 51.3 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 68.892 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN063141.D

Acq: 26 Aug 2020 18:35

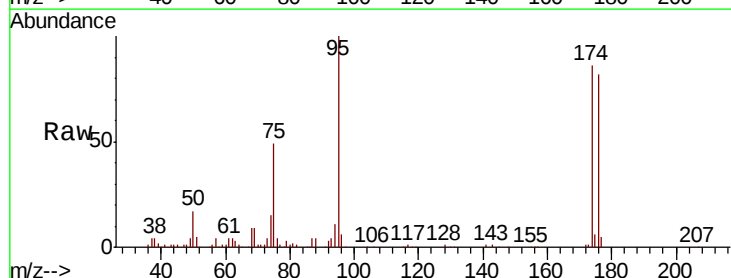
Tgt Ion: 75 Resp: 63465

Ion Ratio Lower Upper

75 100

53 0.0 69.2 103.8#

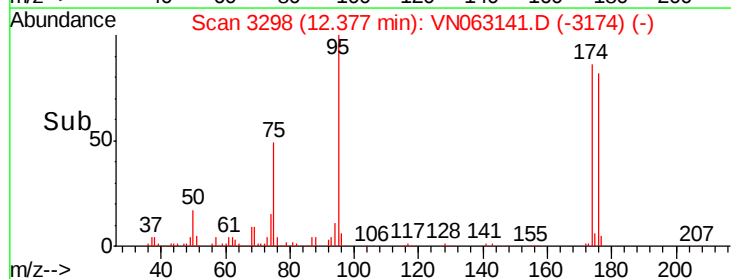
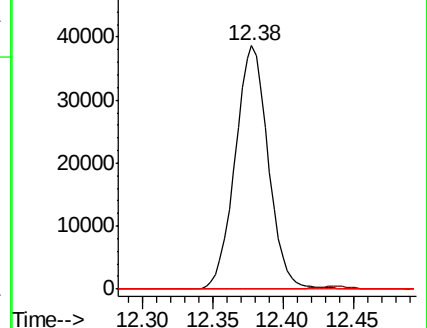
89 0.0 34.2 51.4#

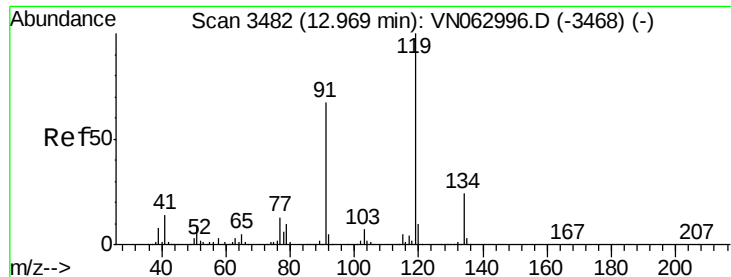


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

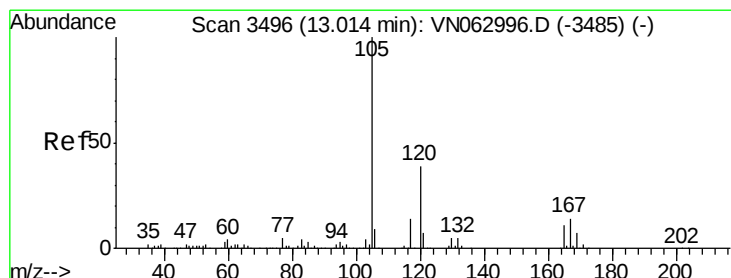
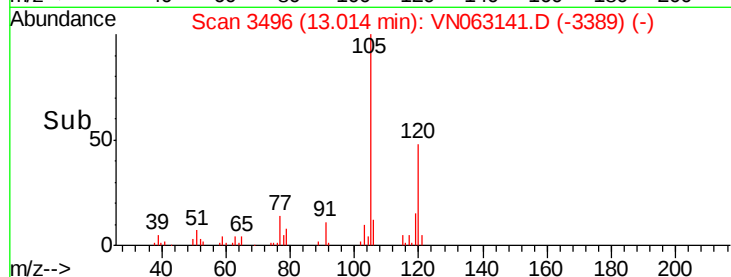
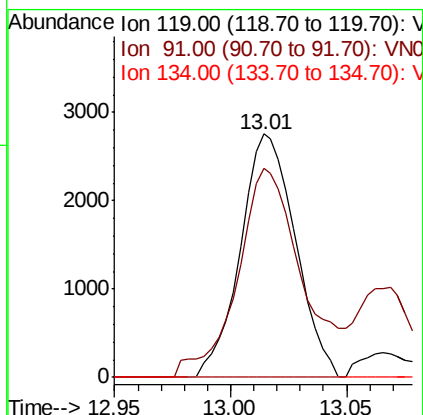
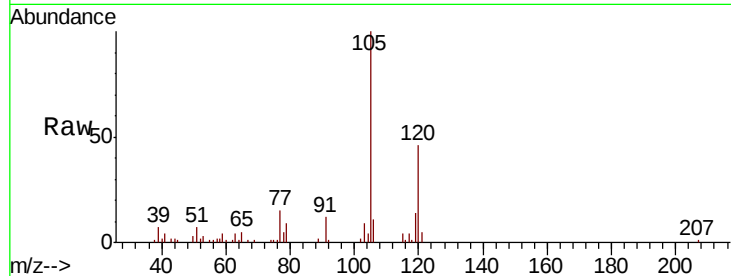




#83
tert-Butylbenzene
Concen: 0.714 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.05 min
Lab File: VN063141.D
Acq: 26 Aug 2020 18:35

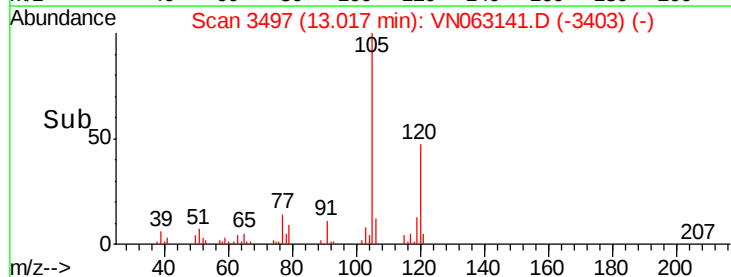
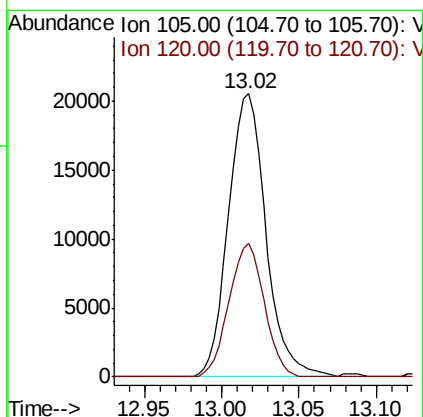
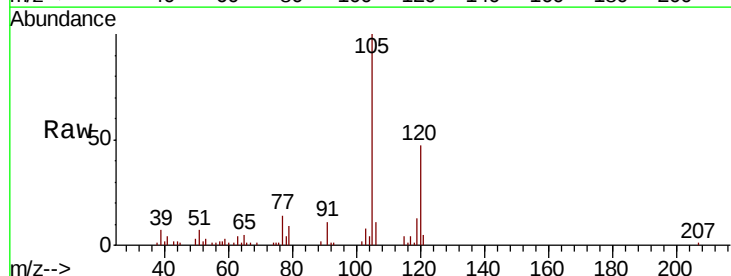
Instrument :
MSVOA_N
ClientSampled :
COMP-3

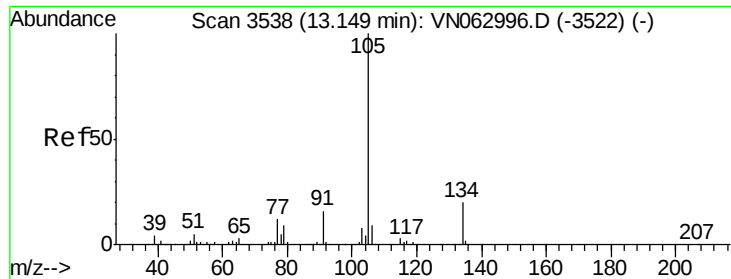
Tot Ion:119 Resp: 4541
Ion Ratio Lower Upper
119 100
91 100.6 32.5 97.4#
134 0.0 13.1 39.3#



#84
1,2,4-Trimethylbenzene
Concen: 4.822 ug/l
RT: 13.02 min Scan# 3497
Delta R.T. 0.00 min
Lab File: VN063141.D
Acq: 26 Aug 2020 18:35

Tgt Ion:105 Resp: 34614
Ion Ratio Lower Upper
105 100
120 44.1 22.5 67.5

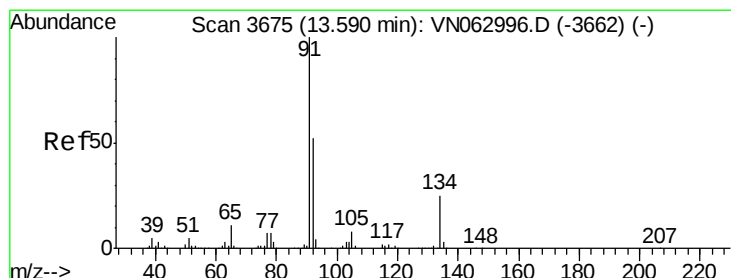
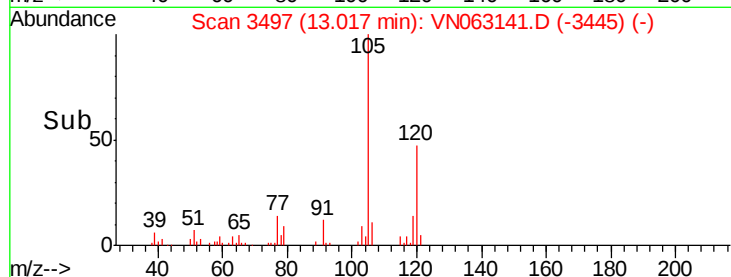
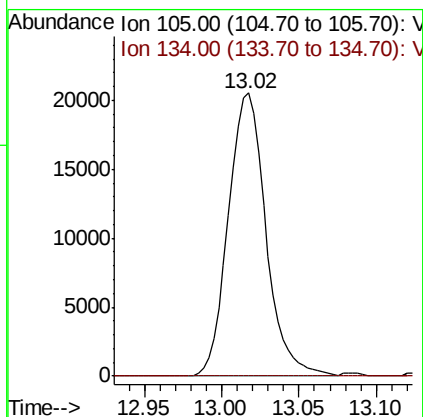
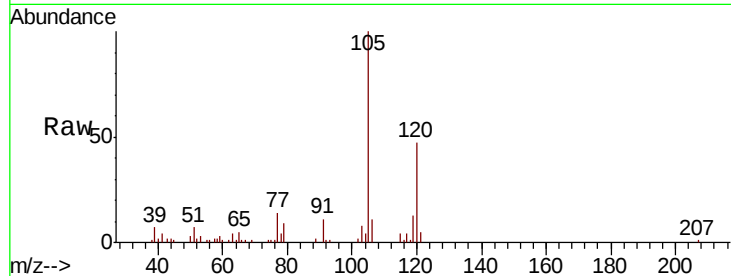




#85
 sec-Butylbenzene
 Concen: 4.027 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. -0.13 min
 Lab File: VN063141.D
 Acq: 26 Aug 2020 18:35

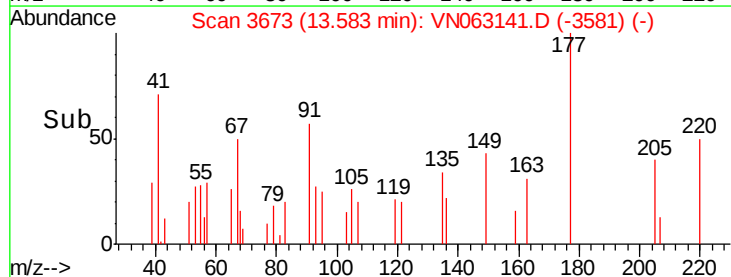
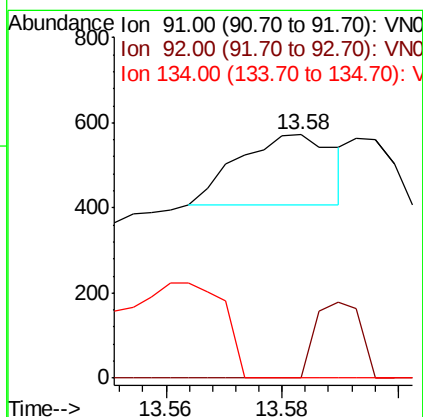
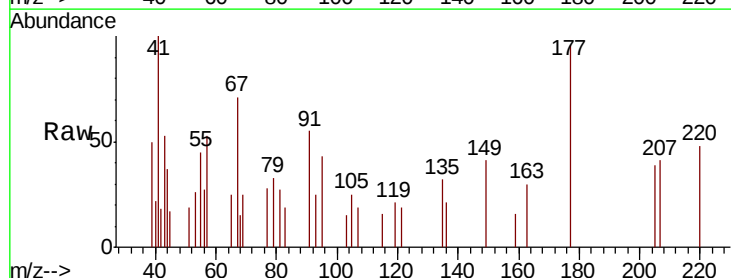
Instrument :
 MSVOA_N
 ClientSampled :
 COMP-3

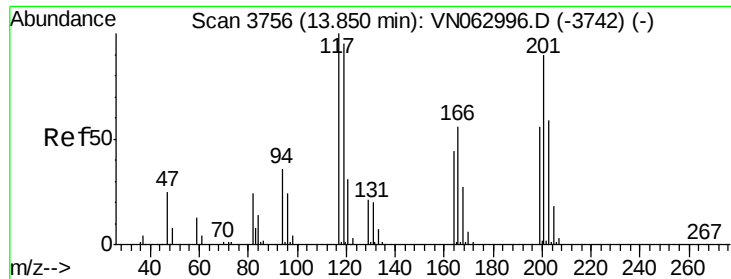
Tot Ion:105 Resp: 34614
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.4#



#89
 n-Butylbenzene
 Concen: 2.796 ug/l
 RT: 13.58 min Scan# 3673
 Delta R.T. -0.01 min
 Lab File: VN063141.D
 Acq: 26 Aug 2020 18:35

Tgt Ion: 91 Resp: 190
 Ion Ratio Lower Upper
 91 100
 92 50.5 25.9 77.6
 134 0.0 12.4 37.0#





#90

Hexachloroethane

Concen: 0.637 ug/l

RT: 13.92 min Scan# 3778

Delta R.T. 0.07 min

Lab File: VN063141.D

Acq: 26 Aug 2020 18:35

Instrument :

MSVOA_N

ClientSampled :

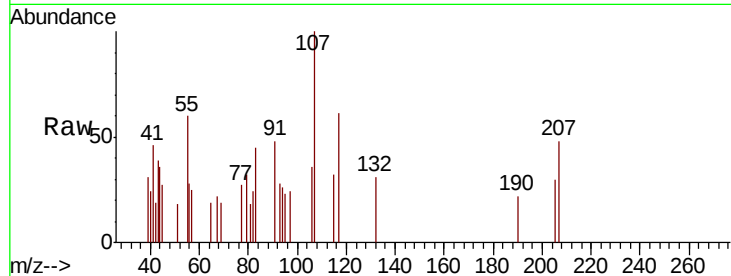
COMP-3

Tot Ion:117 Resp: 1014

Ion Ratio Lower Upper

117 100

201 0.0 44.1 132.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.92

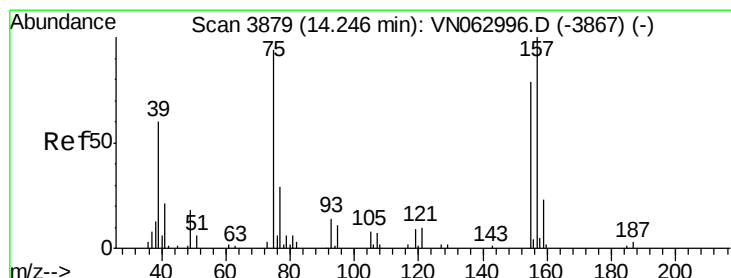
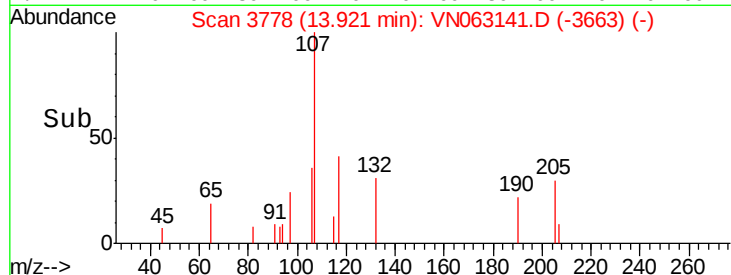
600

400

200

0

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.782 ug/l

RT: 14.07 min Scan# 3823

Delta R.T. -0.18 min

Lab File: VN063141.D

Acq: 26 Aug 2020 18:35

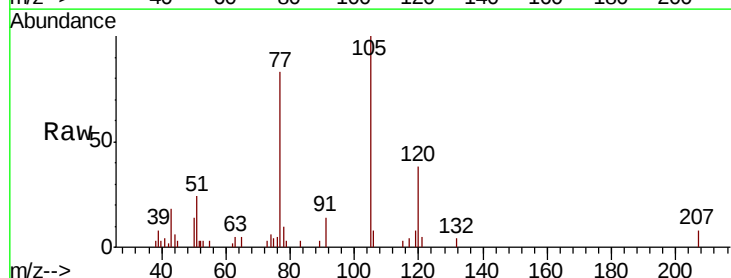
Tgt Ion: 75 Resp: 351

Ion Ratio Lower Upper

75 100

155 0.0 42.4 127.1#

157 0.0 55.2 165.6#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

14.07

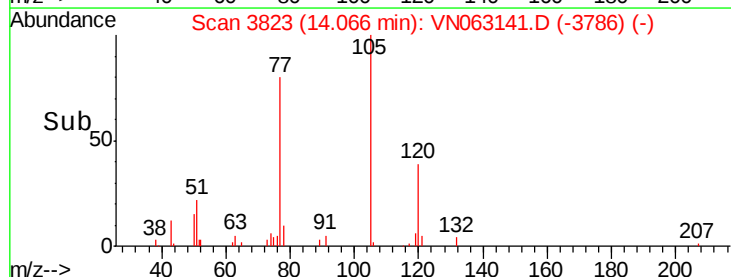
300

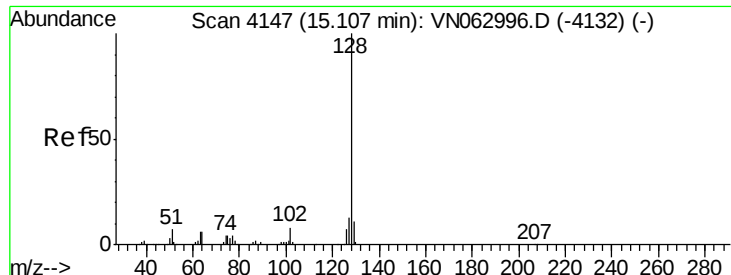
200

100

0

Time-->





#95

Naphthalene

Concen: 110.728 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN063141.D

Acq: 26 Aug 2020 18:35

Instrument :

MSVOA_N

ClientSampleId :

COMP-3

Tot Ion:128 Resp: 615185

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 10.8 8.9 13.3

